

[illegible]

<400> 25551

<210>	25552
<211>	272
<212>	DNA
<213>	Glycine max

<400>	25552
-------	-------

<210>	25553
<211>	270
<212>	DNA
<213>	Glycine max

<400> 25553

10501

<210> 25559
 <211> 279
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906015H1

 <400> 25559

 gttctagatc gcgagcggcc gctcgcgac tagaatagaa aaaccatggt gtcaccaatc 60
 tcacttattg tcctcttggt atcagtttct taggcagatt cagcttcagt tcaagaaagt 120
 tttgtccaat gtctcaactt gaattcggac aaaacatttc cattttactc atcaatctac 180
 actgcaagca acccttcatt caccagcacc cttgactcct ccgcacagaa cctaaggctt 240
 ttggtgcctt cagtgcctaa acccgagttc atattcaca 279

<210> 25560
 <211> 270
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <223> Clone ID: 700906016H1

 <400> 25560

 ggagttgcaa gcatgaatgt tactcttgga gttcctcgtg tcaaagaaat aatgaatgga 60
 naaaaaaaaa tcagtaacc aattatcact gctatacttg agagggatga caatgcaaat 120
 actgcaagaa ttgtgaaagg tcgaatagaa aaaacaaatt taggccacgt tgcaaagagt 180
 ataaaagttg atatgacttc aagatcagca tcagttgtta tcacccttga catgaaaaga 240
 atccaggatg cacatctaaa tatagatgct 270

<210> 25561
 <211> 285
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906017H1

 <400> 25561

 tcggctcgag tgcattctta gctgagatgg tgtgtgagga cctgccaaag gaagtgtgtg 60
 ctttctcatt agcttcatca gggaagaggt gtttgttgga gaccgagaag gtggccgacg 120

gttgcgtcga gtaccaatgc cggacgtcgg aagtgggtgt ggagagaatg gcagagtaca 180
tagagacaga ccaatgtgtg gaggcattgt gggttgatag gaactctgtt ggaatttcat 240
ctgatgcctt ctttgagcct caattcactg gcaagctttg ctctc 285

<210> 25562
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700906018H1

<400> 25562

agacaattca acttaagaga tcaatatggc caccaccact acccagcctc cctctaatat 60
ctgttttttc cttctgttgt tgcttctagc acactttcat ttgggcataa gccaaacttga 120
gctgaattac tactctaaaa gctgccccaa agctgaagag atcatcaagg aacaagtcac 180
acaactatat aacaagcatg gaaacactgc cgtttcgtgg gtcagaaatc tcttccacga 240
ttgctgtggtt aagtcatgcy atgcatcatt act 273

<210> 25563
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906019H1

<400> 25563

atcattatct ggaactacca gcttggtaga tgcaacagca aggcttactg ctgctggaac 60
tcttgggaaa gcagtttttag atagatcaga atcatccatt tcaaataatt ctgatgatga 120
gggtgcaccga tactggcgat gtcagctccc ggatgatatt acccctgatt tcaaggtctt 180
gggagaagat gagtctcgag ttcttgatga tatttcttta gcaggtttat ctatacatga 240
tgacaatgaa gcctccaggt ttcctt 266

<210> 25564
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700906020H1

<400> 25564
tagggaatca agaaaattat tatacccttt aagatgaaac cgtacctacg tgcaatattc 60
ctattattcc ttatccttct cgaccaatcc atttcggcga gtgctttttt aaatttaaata 120
ggattgctaa acattgaaaa gtggccctct ggcgagaaaa gtttggaat gggaaagata 180
gggaaggaga cgacagatca tatcaaagac cttttaaaga aactgattga gtcccctccc 240
gaaccaccga agcaaatcaa tattgaagtt 270

<210> 25565
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906021H1

<400> 25565
gttgaaaaca caaaagataa aaaatgggtt cttctctgtg gacctgtctg attttggtat 60
cacttgcttc tgcttccttc gccgccaacc caagagcacc aattgatgtg ccatttggca 120
gaaactatgt gcctacctgg gcctttgatc acatcaaata cctcaatggg ggttctgaga 180
ttcagcttca tcttgatgct gctcagtggc aaaaactctc ctgggttcgc cagaaatata 240
ccatctacaa ctactgtgct gactgca 267

<210> 25566
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906023H1

<400> 25566
gagattcttc gttacatata ttaccaccag acaaagatg gaggttgggg actacacata 60
gaaggtcaca gtatcatgtt ttgcactaca ctcaattata tatgcatgcg aattcttgga 120
gaaggacctt atggaggtca taacaatgct tgtgctaaag caagaaagtg gattcatgat 180
catggtgggtg caacacatat accttcatgg gggaaatttt ggctttcggg acttggtata 240
gttgattggg gtggaagcaa cccaatg 267

<210> 25567

<211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906026H1

<400> 25567

cgttgatgct gatacaactg ataggaagat tcaaaagaag gtgcgagaag cacaattagc 60
 acaatacaac tacatcttgg ttgttggaag ggaggaagct aatacaggac aggtgagtgt 120
 acgagttaga gacttggcag aacataaggt tatgagtatt gagaagctac ttgaacattt 180
 cagagacaaa gctgcagctt tcgaatgata ctttgcattg gaaaactgtc gaagaaaatt 240
 ttcagcccca aataccttag ttttaca 267

<210> 25568
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905992H1

<400> 25568

tctcgagccg aatcggctcg agatgatgct agctctagtt ttatgagaca atcagttgaa 60
 ggaaacgtag acaatcgcac agacagtgat gagcttagta atacagtagc cacttctcgt 120
 gattacctag caaagttgct tttctggtgc atgttattgg gtcattcatt aagaggggtg 180
 gaaaatagat tgcattctgag ctgtgttgtt ggactgttgt agagaagggtg ataggctgta 240
 tatt 244

<210> 25569
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905961H1

<400> 25569

cttcttcttc ctctcatacc accttcattt ccatgaagcc acaacatcca tatcaatgac 60
 aacaacagtt tccaccgatt tcttcccaaa gttcaacca caccacaacc gcaccaattc 120
 ccattctaatt tcccgtacac tcccaattct caatgaaacc accaacaatca accgcactct 180

ctcttccggtt tccaagcccc aaacccatac cctcgatttc aaagacaccc atctcctcaa 240

tccctct 247

<210> 25570

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700905962H1

<400> 25570

agctacaaga gaagaaaaaa aaaaagagag aaaagaaaaa atttgtttta taacttttta 60

acttattggt cacttcttct tcttcttctt cttcaatatc ttgggttcttt gatattattc 120

tattgagcaa aaaatgggag ttccagagag agacctctt gcacaattga gtttgcttcc 180

tggggttagg ttttacccca cagatgagga gcttttggtt cagtaccttt gccgcaagtt 240

gctggc 246

<210> 25571

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700905963H1

<400> 25571

gagtaagtga gtgagagaag gagattctga tttgatctct cagatctgag cttaccgtcg 60

ccggaatcca actcaacctg ggtcggattc ttgggtatca tcgcatcgcc attcgtttta 120

gcctctcaat aagagatttt agttcgcttc aaattcgagg tttgatttga agttgaaagt 180

tggaatagct taactgttgt gtaaaacaac caacacacac gagcatggga agccagacaa 240

c 241

<210> 25572

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700905965H1

<400> 25572

gccgacgcct ccagataaac aaccttaact ttcccacaac accacccatc attctttttc 60
 tctctctaga ttccatttag ttgttgctgt cttcttctgt ttgtgtgtgc caacacagag 120
 cgaaaaacat ggctctgaac caatcaaaag ccgtgttggt gagggtgagt ttggtggtgg 180
 tggcgctctt catagcaggg tacatagtgg gtccccctct ctactggcat ttcgttgaag 240
 gtttggtgc 250

<210> 25573
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905966H1

<400> 25573

caaaagacca ctctcgacga gcttcccaaa acaagaagca ccaatggcag tcgcgaatct 60
 gcagagactg tcctcgcaag cgcaccgcct cccctccctc tcgttcttct ccaaaccct 120
 gatctaccgc cgcacctcct cttccacgaa gaaggctgcc gaccgcatcg tacggctctc 180
 ggcgatcgac ttcgtgggaa agaagcacga ggtggtgggc ctggccggcc agaccttggtg 240
 aaggcc 246

<210> 25574
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905967H1

<400> 25574

gttgactatg attgctcgtg ttactgatgg tcttctctta gctgaaggtc tggatgatgg 60
 tcgtgatctt aaagatgcgg aattttacaa actgcaagtc aaggctttgt ttaagaatct 120
 ctcaagagga cattatgaag catcaaggat gtcagttgaa actggccctt atgtttttca 180
 ttatattata gaaggacggg tctgttactt gacaatgtgt gatcgtgcat accctagaaa 240
 ctag 244

<210> 25575
 <211> 232
 <212> DNA

<210> 25578
 <211> 241
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905972H1

 <400> 25578

 caactgcgtc atctccggca cagtcgactt catcttcggc acctcctcca ccgtgatcca 60
 gcagtcctgtt atcatcgtga ggaagcccct ggacaaccag ttcaacacag tcaccgccga 120
 cggaacatcc cagaagaaca tggctacagg aatcgtgatc cagggttgca acatcgtccc 180
 agaagccgaa cttttcccta caaggttcca agtgaagtca taccttgga ggccaggaag 240
 c 241

<210> 25579
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905973H1

 <400> 25579

 caggtagagg cgggtttcat gagaatccat cgacctgcat atgtgaagat tctgcagcag 60
 ccaaagtgga caaaaattca caatctagaa aatataggaa ggataatata acgaagaaaa 120
 atgtagcaaa tgatgaaccg gatgttggca atgtgtctga gtggccagac atggatgatg 180
 atgatgatga tgatcagaat gatctagcag agaagggtac atttaatgaa acaattcgga 240
 ctatg 245

<210> 25580
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905974H1

 <400> 25580

 ggagctcttc tccattggtt cttcatctgc atgcacacac ttgcatagtt ttggaaacca 60
 agaatttttg aagggtagca tcaacaagaa gttctggaaa tggagatcac caatgtcagc 120

gagtatgaag ctattgcaaa gcagaagttg ccaaagatgg tgtttgacta ctacgcatct 180
 ggtgcagagg accagtggac tctgcaggag aacagaaatg ccttttccag aatttttttc 240
 ggcca 245

<210> 25581
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905975H1

<400> 25581

cagaaatgga ggctccacaa ggtggatccg gatccggacc cgagcgagac aaatccaccg 60
 ctccctcctc ttgtccgatt tccgtcgtct ccgccttctg gaaagatttt gagttggaga 120
 aggagaaatc tatactggat gagcaagggc ttcgaattgc agagaaccag gaaagcagtc 180
 agaaaaatcg ccgcaagctt gccgagaaca ctagagactt caagaaggct tcgcctgagg 240
 ataagt 246

<210> 25582
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905976H1

<400> 25582

actcaactca atcgctcca ctctctcccg caaaccattc ttcttctctt ctctccctct 60
 gagcctttca tcgctcctcg gagagatggc tgcttccgaa gaatcatcaa ccactcagat 120
 ggttggcaat gcttttgtgc agcagtatta ctccatattg catcaagagc cagaccaagt 180
 ccacagattt taccaggagt ctagcatcct aagtcgacct gaagaagatg gtaccatgac 240
 aatggtga 248

<210> 25583
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905977H1

<400> 25583

gacgatccaa attatgatgc cctcattgcc gctttatatc cagatattga gaagtactga 60
 caagaggagc ttgaatttcg tgaagaggag aagaaccgca ataagcagat tcaagcttca 120
 atagcaaaaag tagttcaacg gcaatctgaa gcattgggta agagacgtaa agacacacca 180
 ggtgtatttg taactagacc gcagcgtaat cagcgaaaca ttcattctag gagacaactc 240
 aa 242

<210> 25584

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700905979H1

<400> 25584

ctcgagccgc ttttattgaa atcctcaagc ttcaatttgc tttgtgctca ctcatctatc 60
 tattataacc aaacactctt cttcatattc ttcttcttct tcttggttctt gttctatctg 120
 tgacgagcat catggcctcg agagcagtgc tattgttggc tatgtgtgtg cttccggcca 180
 tggttgtggc cattcgccca gcaaagaacc ctttttgcgt gaagggtcgc gtcactgtga 240

<210> 25585

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700905981H1

<400> 25585

catgaagggg tgatgtgacg tgttgcccgt ctaccacgtg gaggggtttg attggatggg 60
 agagtggatt ccaaaagaag ggcgacctcc tgctttgggt tcagtggatt cctcgaggcg 120
 gagaatgtca gggcccatTT taaatacttt atcaagtgcc aatgtcttgg gtcagtcaag 180
 tggatcatct aggcgggctg ctgtttctag tagccgtgat gcatttgttg gtgctagtca 240
 gata 244

<210> 25586

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700905982H1

<400> 25586

```
agaccacctt ccctctcttc tgttaccaat ggctccctca tcaaactaca tttctttcct 60
tttcttcacc acccttatgt atgctcttca aatcagtgc agagacagcc agttcttcag 120
caaagtcacc cattttgaca aaaacagtgt caaagagaca gaacttccca acaaagaagc 180
accagaagtg aacaagccag agcaacaacc acctttcatt ccggagactg aaaacgctat 240
ggcct 245
```

<210> 25587

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700905983H1

<400> 25587

```
ctcagcactg ccattcttca atcacactaa tggctgtcac cttctcagat cttcacaccg 60
aagagggcat caaatccctc gatcaattcc tttctgggaa aacctatata tctggggatc 120
aattgacaaa ggatgatata aaagtgtatg cagctgttgt ggaaaagcca ggagactctt 180
ttcctaatagc tgctaagtgg tacgatgccg tctctttctca acttgctcca agctccctgg 240
gca 243
```

<210> 25588

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700905984H1

<400> 25588

```
gagaaaagga acatattaga accagcaggt gcacttgcac tagctggagc tgaggcatac 60
tgcaagcatc atggggtcca ggggaaagat attgtagtaa taaccagtgg agcaaacatg 120
aattttgata aacttcgggt tgtaactgaa ctgcgtaacg ttggccgtaa acaagaggct 180
gtgctggcaa ctgttttgcc agaggagccg ggcagtttca aacagttttg tgattggtgg 240
```

gg

242

<210> 25589
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905986H1

<400> 25589

atttaaagaa ccttggaactc cccagccaga agaagaacca acatggcacc cacaatctat 60

aatttttcgt attctaaaag gttttcagag tcattcaatt cttcaacatc aaaaaaggag 120

tcattccagtt ccaacatcct tgctttccac tccatagctc aatggaatgc tcattataaa 180

gccaccaaag aaactaaciaa gctgatggta cttgatttca cagccacatg gtgggacctt 240

gc

242

<210> 25590
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905987H1

<400> 25590

atttaaagaa ccttggaactc cccagccaga agaagaacca acatggcacc cacaatctat 60

aatttttcgt attctaaaag gttttcagag tcattcaatt cttcaacatc agaaaaggag 120

tcattccagtt ccaacatcct tgctttccac tccatagctc aatggaatgc tcattataaa 180

gccaccaaag atactaaciaa gctgatggta cttgatttca cagccacatg gttggacctt 240

g

241

<210> 25591
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905988H1

<400> 25591

gttcggattg cggcgacgtg agcgggttcgc tgcccgcgac gttgtgagaa gtccactgaa 60

ccttatcatt tggaggaagg agaagatgga gagaaaagga agaagaagaa gaaggaaaag 120
 aaagggctga aagagaagat cgaggagaaa atagaggggtg atcatcatca tcacaaggat 180
 gaggacacaa gtgtccctgt tgagaaagtt gaggttggtg aacagcaca tgctgaggaa 240
 aaga 244

<210> 25592
 <211> 73
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905989H1

<400> 25592

atccccatcg cgtcacacag aatcgtaggg tcggagtcgt gcgatacgat gcggtacgat 60
 atggctaggg tat 73

<210> 25593
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905960H1

<400> 25593

cggaatcaag atggccttga tgattgcaag gacctcttgc aatccgctat cgagagcctc 60
 caactcagca ttgacatggt tcacaacaac aacttgcacg ccgtgtataa ccaacaggct 120
 gacttcaaga actggctcag cgctgttatac tcgtaccaac aggcttgcac ggagggtttt 180
 gacgatcgca aagaaggtga gaagaagatc aaggagcagt ttcataccga gaccttggac 240
 aatgttca 248

<210> 25594
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905990H1

<400> 25594

ctccctcatc agacgctccc tctccctccc ctccgcacc atcgaattca cagcaagta 60

ccccccgctc ttcgaggagt tctccccgt tgctctctct ttgcctccc cccatgtccg 120
 cctcaccccc gaaaccctcc tctcgcactc cgaggagcac ctcttcacc tctccgaccg 180
 cttcaaacac catgccgccg acaggttcct caagctctc atgatcgcca gaatcacaaa 240
 at 242

<210> 25595
 <211> 96
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905991H1
 <400> 25595

gatccgagga gttaccctt agctttttct ctttccttat tctatttcaa acttccaccc 60
 gtgatggaag agagagctcc agaaggacca ccattt 96

<210> 25596
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905928H1
 <400> 25596

tcacaacctt ggctttgtag ccttagtctt agcagggacg gcttttgtct tagatttgaa 60
 gagagccagg gttgtgaatg tacgacaaaa gccgctcctg ctaagactaa ggttaciaag 120
 ccaaagcaaa aggttgaaga tggatatctt ggcacttctg gaggatttgg tttactaag 180
 cagaacgagc tctttgtggg tcgtgttgct atgcttgggt ttgcagcatc attgttgggt 240
 gaggaataa 249

<210> 25597
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905929H1
 <400> 25597

aaggaacatc ttctgacgta tgcgagtaac caccctgcgc agttcattct tgggtactgc 60

tccacctaca tcttcatgca aactttcatg atgcctggga caatcttcat gtccctcttg 120
gctggggcgc tttttggagt tgtacgagga atcctattgg ttgttttcaa cgccactgcg 180
ggtgcatctt cctgtttctt tttgtctaag ttaattggga ggcctttggt ttcttggttg 240
tgcctgaa 248

<210> 25598
<211> 247
<212> DNA
<213> Glycine max
<223> Clone ID: 700905930H1
<400> 25598

atcaaaatga atctgtacca ctctccacc accaccacca ccaccaccat cttcaccgtc 60
atattctctc tccttgcaat attattcact ctcacacccc acaaggccaa cggtgccacg 120
tgtcaccttg aggaagaagc gggcctgttg ggcttcaaat ccggtatccg atccgacccg 180
tccggcctgc tcagtaactg gatatcgggt acggactgct gcacatggac cggagtagaa 240
gccacta 247

<210> 25599
<211> 246
<212> DNA
<213> Glycine max
<223> Clone ID: 700905931H1
<400> 25599

gtaattggag agaggtgttg gcgcacagaa agcagtagaa agagaggaga ggagaggata 60
ggggctgggt gagttgttgt ctatctcttc ttctctttgt gttttggctg tggacgtaaa 120
ataatggctc tgttttttgg ttttgggctc ttgtcttctt cttcttcttc ttcttcttta 180
tgtgttctcc ctccatcaga aaccacact ttcgatga ggccttctgc ttcttctgtt 240
tgcgca 246

<210> 25600
<211> 81
<212> DNA
<213> Glycine max

<223> Clone ID: 700905932H1

<400> 25600

cccgtgccgg agattcctcg gggatccgcc ggagctaagg cgtcgtcttc cggtgacgtt 60
gttgatgaca gtgttgacgc t 81

<210> 25601

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700905933H1

<400> 25601

cagacttaca tgccttgtga ctctttcatt tttctccata ccttttcttg ttccttctga 60
gcttaatcgt attcctcact tcggctgctt ggcaatccaa gccaaaagat cctgcagacg 120
tcataagaaa atcttatgaa gaaggatatg ataactaatg ttaccgagta tgaggcaatt 180
gcaaaggaaa aattgccaaa gatggttaat gactcctatc catcaggggc tgaggatcag 240
tg 242

<210> 25602

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905934H1

<400> 25602

gggagaatta ggttttttagg gtttacaccg agcagccaca cctcccgcag cagccatggt 60
tctcaaaact gaactatgcc gattcagtgg tgccaagatc taccaggaa agggcatcat 120
atgtgttcgt ggtgattctc aggttttctt gtttgcaaac tcaaaatgta agaggatattt 180
ccacaatcgc ctgaagcctt caaagctcac ctggactgca atgtacagaa agcaacacaa 240
aaggacatt 249

<210> 25603

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905935H1

<400> 25603

cagcaatggg tggggagcgc aacaaggttt tcactttggc cgaggtctct cagcacaaca 60
 atgccaaaga ctgttggtt gtcattcatg gcaaggttta taatgtaaca aagtttttgg 120
 aagatcacc c tgggtgggat gaggtcctgt tgtcttcac agggaaagat gcaaccaatg 180
 attttgagga tattgggtcac agcaccagtg ccgtagccat gatggatgag ttctatgttg 240
 agacattga 249

<210> 25604

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700905936H1

<400> 25604

cggagaattg aataccacaa cagggccgtg acagcgttgt gccagggtc agacgattag 60
 acgctgtgcc atgaggttct gtcattctcg aacagcacag actataagga gtacatcgca 120
 accgtgggtga gaacctcgat ggacagcgtg atcaaagcgt tcaacatgag cgacaggctg 180
 acggtggaac acagtataca gtagcgccgg aatgatgatg gctctggagg attgtaagga 240
 ctgttgca 250

<210> 25605

<211> 208

<212> DNA

<213> Glycine max

<223> Clone ID: 700905937H1

<400> 25605

ctcggctctg gttttcttat ttagacaatt actcctcaca ctttcttcac acgctttcat 60
 ctctgattca gatatgagct ctcgtatatt cccagccat ggccgaaaag gtcaccataa 120
 tgaggctcaa cgtttatcct caagtccata catgctaccg tctagtctct aaatttctat 180
 gtacacaagc tccaatcaga gacaacgt 208

<210> 25606

<211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905938H1

<400> 25606

tcgattcggc tcgtgtcagt actttggttg cggcagggca aatctgcatt gctatggcgc 60
 cttegaagct cttegtcttt tgcgtttctg taaccttatt ttctgccatc gttggggccg 120
 aagccgatat ttccatcgaa ggaagcactc cactgcctga tacctccgcc atcaggatcc 180
 aattagatca actcaattcc aagatccaaa ttctcgagtc tcaaatacagc gaaaagttgg 240
 aagacgtgaa tagaagga 258

<210> 25607
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905940H1

<400> 25607

tagagagtga ggtcagtgag ggatcggtgt tcacttgatc tcatacataat cggcagcgtc 60
 aattgaagaa gatgccgatc agaaacatcg ccgtcggaag gccttaagag gcgtctcagc 120
 cgaagacgtt taaggcggct ttatctgagt acatctcgag cttcatcgtc gtgttctccg 180
 gctcaagctt cggcatcgcc gacaacgagc tcaactgcaa cggcgc 226

<210> 25608
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905941H1

<400> 25608

atcttatctt agtacctcat cacaacaacc acgatactat ttctcatact ctattaggca 60
 aaaacaccac caaatgggag aggaaaagga gcagcctaag aatgacaccg agaaaaagcc 120
 cgaggaggta gcccccaaga aagacgacgg acccatccct gtcgtttaca aactcgactt 180
 gcattgcgag ggatgcgtca agaagatcaa acgcacctgt cgccacttcg aaggtgtgga 240

accgttaag

249

<210> 25609
<211> 251
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905943H1

<400> 25609

cgcgctctctt cactcttcaa ttcaatggct tccacgcact tctccattga atgccacttc 60
cacacaacat acgatataaa aatntccgtc gtctccgnt tctggaaaga ttttgagttg 120
gacaaggaga aatctatact ggatgagcaa gggcttcgaa ttgcagataa ccaggaaagc 180
agtcagaaaa atcgccgcaa gcttgccgag aacactagag acttcaagaa ggcttcgcct 240
gaggataagt t 251

<210> 25610
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905944H1

<400> 25610

ctccctcac ctctctctcc gaaatcccca aattgcctgt gaatgctaga aaccctaggc 60
acgttcgatt tgatgctctc ccatttgcaa tcaagggcga gcgcattcgg ttcttgacg 120
caaggctggg actaccgctg catcggcctc gatccctgaa ttcattcattc tttctcgac 180
catctttttc tattccgatt cgatttggtg ttgttggtgt tggttggtgt tttttgtctc 240
ctccttgacg 250

<210> 25611
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700905947H1

<400> 25611

ggagtaatgg caagagaggg cacatagagg gaactgcttt taagtctaac cgcacaagtg 60

atgaggccaa gttcaagggtc aagttttatg tccctccctt tttgcctatc attcctgtaa 120
 caggggacta ctgggttttg ttcattgatg gtgattacca gtacgctttg attggccaac 180
 caagcaggaa ttgcctttgg atattaagca ggaaacccca tctggatgat gagatcacia 240
 caa 243

<210> 25612
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905948H1
 <400> 25612

cttcaggcag ttcaagaacg aggataagcc aatggggagg gtgatgaaag ggggtgcaata 60
 cttcatcca atctttgagt ggctccccac ttacaatttc tgcctctttt gctctgactt 120
 gatcgctgga ctaaccatct caagccttgc catccctcaa ggcattagct atgccaaact 180
 tgctgacctt ccttccctca ttggccttta ttccatcttt gteccacett tgatctatgt 240
 gtttttgg 248

<210> 25613
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905949H1
 <400> 25613

agcttgtttc taagaatttc gtgggtctaa gaaaaagaat aaacacaatg aggggtgagtc 60
 aggtagtga atttcaagtg ctgtgggaga agaaaagtta ccaatttttag aaattgaaga 120
 ggaagaggag gaagagaatg gggataataa gtcaagtaac actaaacctg attgcggaat 180
 cacttgttcc tatgagaaga aagtgaatag agttgagaat tcagggttctt ccatgggtttt 240
 attatgatta 250

<210> 25614
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905951H1

<400> 25614

ctttcttctc ttccccatth tttcctcttt cttcctcgcc tagctagctc cagaaaatta 60
 ggatctgctt cagatctagt gtttccctgt cccaaatcac gagtccattg agtttgattt 120
 tgtggatgaa aagcatagat agggcttttg caaaactctc caatgtttct tgaaattata 180
 tgaccatgcg tcgaattcgt atgctgcact cttctccgt cgtgttctc tactggttta 240
 cgttt 245

<210> 25615

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700905952H1

<400> 25615

atcaaagttt cttctttctc tgctctttgc cttctctgac acatttggtg ctttgtagag 60
 cgtgttttg caggaagtg gtatggcgaa ggacgttgag gttgctgagc gtggctcctt 120
 ctctgggaag gactaccagg accctccacc agcaccactc attgatgctg aggagctcac 180
 aaagtgggcc ttttacaggg ctctcattgc tgaattcatt gccactttgc tcttccctac 240
 att 243

<210> 25616

<211> 226

<212> DNA

<213> Glycine max

<223> Clone ID: 700905953H1

<400> 25616

cttcaattag acggataata ttgcacggaa acaagcatgt ttgtgtgagt ttttagtagc 60
 tccttccctt ggtctcgggg attttatgtt agtggctttt tcgtagtgca caacctacca 120
 aataaaagtg ctaatttgaa attgaaattt tcaattaaat attgtatgcc aatgtgaaga 180
 agctaaaagg aaatacgatt tgctgagatg accataattt tgaatt 226

<210> 25617
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905954H1

<400> 25617

attacactaa taattggcct cctagtaaacc accctagtagc tctataaata gcattttgcat 60
 gcaccttagt cttcaccaaaa atactcctct tggcatcttg tgttggtgtcc ctcttttaag 120
 ctatttcctt ctcttaacac aattgggttg gccaattgcc atagtcacca accaattaac 180
 aaaggtacta tatatcatca tatcatcacc aaatgaaaaa tattggggtg ttttttcttg 240
 tgggtggt 247

<210> 25618
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905955H1

<400> 25618

atttaatttt ctgcttttgc attctctctc tcgacaccaa acaaaggtag ttgtgattgc 60
 agcaaacaat ggggtgtctcc ttcctctcga cttgcccctc cctgcttcca ctcgttgctt 120
 atgatacacc accctccacc agataccaac ctcgttcagt gtccatttgt tgtaataaaa 180
 ccataagcaa tgtagtgat gaagagccgt tccattggag aaggagagaa attcttaatg 240
 cgctggg 247

<210> 25619
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905957H1

<400> 25619

gatagatttg tattgttctt tctccttca tgagtcgtct cctaaacatt ttacttcctt 60
 cttccaccgt atcgtaggat aagaccactc ctaacacggt attattacct ttttaattcc 120
 attttctttc tattcttcca cattttcttc ttttcgggt gttccaattc ctattctgat 180

caagaccctg tgagaaatat taaagacggg ccactttcaa aatccaccat ggaattcatt 240
tcaa 244

<210> 25620
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700905958H1

<400> 25620

ttcctctcag attcaggttc caactcttct ctctctcgcc gtctagggtt ttctctcaaa 60
atttcgaaac cccgattttc tctcaattcg aatctgcatg tcatcgtaac ctaaattatt 120
agatagttat attatctctc tgcgtttctt tcagcaattt tctattttct cctctcatgg 180
cttcagattc caaaaaggat ttccctgctg atgacaaagc tggaacagaa gagagtaaac 240
atccaa 246

<210> 25621
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700905927H1

<400> 25621

aattgatgtt atgaaagtgg aaaggtaaca attccctcat cattatattg atattgaggg 60
taccactgct gaagatctga gttcaaaatg atttgttcct tggtggctgt aaaagtgtat 120
ataacaaagt atatcagttt cagctccttg tagagagggga aaaagtttca atgccttgac 180
ccaaaaatac ttgtaacaac cacatataag acaagggaag aattgcattt ttttttcttc 240
atttttgta 249

<210> 25622
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700905959H1

<400> 25622

atcttctcat aagctttact taattaggaa atccaaatat ggcactttct tcttcatcat 60
 cttcaacatc catatttgct ttagctttgt tcaactctttt gcttatagga agttcttcag 120
 ctcaactctc tgagaacttc tatgatagta aatgtcccaa ggttttctat gccgtaaaat 180
 ccgttcttca atctgctttg gctaaagaac ctcgccaggg agcatctatc gttcgcctct 240
 ctttcat 247

<210> 25623
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905891H1

<400> 25623
 ttctagggtt gatattcttg tgcaaattct tgggtctgag gaatttgtgg agcgtgatgc 60
 agtacataag gctcttatgt ctttgctgag gcaggatgta aaagcttctt tgacggcttt 120
 gtttaagcac ttggcagtgt tgatgagcca agcacggatg atgtcattcg tgagaaagtt 180
 ataaactttg ttagagataa ggttttccct atcaaagctg aattgttgaa accccaggag 240
 gaaatggaaa gacac 255

<210> 25624
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905892H1

<400> 25624
 caacataacg ttgctaattg cttgcacttc ctcttatggt tgcttccttt gtttctcatt 60
 agctgttttg gtatttgtct tagttctaca cttttcctca ttctccgcag tagcaacctg 120
 cgaaccatct ctctgagaaa aaaaaaatg gcgtcgaacg ggaatggcag cggtgcgaac 180
 gggaacggga ccgctaggaa cggactggcg aagattcaga cgcacaagaa gcataacgga 240
 atttgtcacg ac 252

<210> 25625
 <211> 250

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905893H1

<400> 25625

gtgagccacg tttgtgtgag atgtgtagcc acacccactt cccagagtc cccaaattcg 60
 gcacccttgc cagacccaag gcaaaccaag gttctccttc cgaagacgaa gcctcagaaa 120
 tggtcaccgg ggtggctccc ggggagtacg gtggccctcc caccaccacc aaactccgca 180
 aatactgggg cggcgatgac gaagaccctt tggcctctga tgactatatg tggaacaagg 240
 agtttatggg 250

<210> 25626
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905895H1

<400> 25626

cgaatatcta gatcaagatg gttcactttc ttgagaagag tattccatta ccaaaacgga 60
 ccaagatcca atctcggtc caaccctttc aattccagca cttggatgat gctggagtgt 120
 attgcttggt ggtccaaata gcaagcacia cattcacttt ggccatttcg aagagtgtga 180
 agccaatttg gcctatgaga gtgtggatag caggttatga tattggttgt gtccttaatc 240
 ttctgctact tt 252

<210> 25627
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905896H1

<400> 25627

catgaaaatg ggttcttctt tgtggacttt gtgtctaatt ttggcttcac tagcctcttc 60
 tgcattctgt gcctttccac ggaggccagt ggatgttcca ttcggcagaa actacgttcc 120
 cacttggctt ttgatcacat caaatacttc aatggaggtt ctgagattca acttcatctt 180
 gacaagtaca ctggtactgg cttccagtcc aaagggtcat acttgtttgg tcacttcagc 240

atgaacataa ag

252

<210> 25628

<211> 67

<212> DNA

<213> Glycine max

<223> Clone ID: 700905901H1

<400> 25628

cacttggtgtt ggatgtaatc aagagatcat tttatcaaat aaataatgcc aaatggcatg 60

tcgaagt 67

<210> 25629

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700905902H1

<400> 25629

cgcgatttcg gctcgagact caacaaccga ggcagaactt ggcaaatcaa actatccctc 60

agggtcaagt tcagtcctca ctcttgcatc cccagaacat ggtccaaacc aacaatattc 120

ttcagcagca gcaaccatcc attcaaaacc atcaactaca tagaagcctc tctcagaacc 180

catcacagca gcagacaact attgggtcaga atcaaccgca aaatttgatc cagtccccta 240

tgctgatca tgttcaacaa ttacagatgt ctgac 275

<210> 25630

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905904H1

<400> 25630

agctgagaag cctcaaaaca cagttttacat tggcaagatt gcaccaactg tggaaaatga 60

gttcatgctc tctctccttc aattatgtgg aactatcaag acctggatac gtcctcagga 120

tttatcaact ggaactccta caagtttttg gttttatgag tttgagtctg cagaaggggt 180

tctccggggc ttgcgtctcc ttactaaact gaatattgat gggcaagaac tgaagggtcaa 240

cgtaatcaag c

251

<210> 25631
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905905H1

<400> 25631

gttgctttca cttcttcctc tctgcttctt cttcttcctt gccctctctc gctattgagc 60
 ttttcttttt aacacggaat atgagtgaca caaaagggtt ttgaggcttt ctatcactct 120
 aaagctctta gctcattcac ctcttgggtg gtgtggtcta ttatgtaaat taccatttgt 180
 gcaatttttt ctcagatcta tccaacttct cttttttatc ctttattctg ttgcaaatac 240
 gccacatcac cat 253

<210> 25632
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905906H1

<400> 25632

cagcgactcc gcgtggtttt ggcgaaaact tctagaacat tcttccatgg aggttatcag 60
 ggttctagcg gcggcgatcg tggtagcggg gcttgcggcg gctcttccgg cggacgcgctc 120
 gacgacaacc gagtattcgc gccgtgcacg gacacgcgag tgcagagatc cgacggattc 180
 acgttcggaa tcgcgttcgc tccgaaggac aagtcttct acaacaacaa caacagcggtt 240
 cgttgtcgcc 250

<210> 25633
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905908H1

<400> 25633

gctaattact agtcgttgaa tccatggctc cccagcagc aaagctaaga gagattgggtt 60

<223> Clone ID: 700905912H1

<400> 25636

cggtctgagc ggctcgagct tcgttccttc gattcggtcc atttcttcca aaatggccaa 60
 agaccagtt agcgttctcg tgactggagc tgcagggcaa attgggtatg ctcttggtccc 120
 tatgattgct aggggagtgga tggtgggtcc tgaccagccc gtgatcctcc acatgcttga 180
 cattcctccg gcagcagagt cattgaatgg ggtaaaatg gaattggtgg atgctgcatt 240
 ccctttctta a 251

<210> 25637

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905913H1

<400> 25637

ccctcatctc caatctgcaa atccaactaa catgggaagc cagcaagccg ccgtgtcggt 60
 cctgacgaac ctggcccgcg ccgctttcgg gctggggcgcc tccgcgaccc tattgagctc 120
 ctccctctac accgtcgatg gcgggcagcg cgccgtcctc ttcgaccgtt tccggggcat 180
 cctcgacgag accgtcggcg aggggaccca ctctctcatc ccgtgggtcc agaaacccta 240
 catcttcgac atc 253

<210> 25638

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700905914H1

<400> 25638

aacacgagag ccactcagtg atcgcttctc ttctcttca tcttactgtg tcaggggtga 60
 agatggttgc atatgttcgt atttggtat tgaatgaatt gcactagtgt tctgctgcaa 120
 attttttgac atatattggt gacgggatat tttctagatg gggggagcat gttctaggaa 180
 gcaagagtgg gataacgaag atagtcttat cagaggacta ccacgaagat attgcaaattg 240
 cggagtttga 250

<210> 25639
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905915H1

<400> 25639

tgaagattcc gcaacagaga gtagaaaaga tggcgcggtt gatcacagtg gtgtggtgcg 60
 cgggtggcggt gctactgtgc gccgcggcgg gcgcgtcgtg ggtggaggag gcggcgaacc 120
 cgatacgaat ggtggcgggg gtggaggcgg aggtggttcg ggtgataggg cagatcccgg 180
 cgcgcgctga agtttgctag gttcatgagc aggttcggga agagttaccg aagcgaggaa 240
 ggatgaggga 250

<210> 25640
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905917H1

<400> 25640

cggcatacaga gagacagata gaaagtgcaa ctctctctgt tttgctcacc tgtttaagcc 60
 ttatcataag cttagaatgg cacacaagga attttccatt gccctagtga ctctcattgt 120
 tctctttgtc aacacgaacc tccaaggtgc cacggctgac tatggtggtg gttggcagag 180
 tgctcatgcc actttctatg gtgggggtga tgcttctggc acaatgggtg gagcatgtgg 240
 gtatggaaat tgtatagc 258

<210> 25641
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905918H1

<400> 25641

gaaagaatag aggttgaaat gaaggtagct cccatcgtgg tgttcttgtt cagagataca 60
 gagggtttcg cctccaccat ctcaacagca ttctgccccca agccttcctc ctcttcacg 120

cgccaagagg actcctttga gctctccttg gaggcttatg gaatcaaaca cctcaaagca 180
 tctgggagcg tttctcactt cgttgatgat cacggcgctt acaaggtgac aattgtggct 240
 atgagcatta tg 252

<210> 25642
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905919H1
 <400> 25642

caaatggagg gtccttagtt ctgtttctct tttctctctc tgtgctttca accaagttct 60
 caaatcactc tttctcttca cctttctgat ctgctaattc tcaaggtatt caaaattggg 120
 tggtttttga ttgaactgtg atgtccaagc cactgctagg catagcggaa gaggaaggtc 180
 aaagcaatgt cactttgttg gtttcttctt cagccaccat ggaaagtgtg tgcctgaata 240
 gtcaaaactg 250

<210> 25643
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905920H1
 <400> 25643

aaagaaggac gatgatcatt tttcaccagt ggattcttac ttcaccgaaa ataaagatgt 60
 ggtgctgaga tgttctgaat ctccccaagc ctctttaagg gaaatctctg tgaaggttct 120
 tggcttttta ggtggaggcc agccaaacag ctctatgata aattcagaga aggctgtgaa 180
 aactgagaat gctactgttg ctgagttgcc tgacttgata gacactggtg attcaaata 240
 ttaccatgg 249

<210> 25644
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905922H1

<400> 25644

aaaccatctc cgacatgctc cgaaagtgtc cctcgccatg caacttcctc gtcttcggcc 60
 tcacccacga gaccctcctt tggaaagccc tcaaccacaa cggaagaacc gtcttcacgc 120
 acgaaaaccg gtactacgcc gcgtatttcg aagaaaaaca ccccgaaatc gatgcttacg 180
 acgtggcata cagcactaaa aggagtgcgt tgaaggagct gatagcttcg gcgaaagaac 240
 agtagga 247

<210> 25645

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905923H1

<400> 25645

ttttaatctc tctagggttc ttttctctct cttagtttcc attcaatccc tgcgtcttca 60
 tcagagctgc caatggaagc ggcggcgacg gcaacggcga ctgttctcac acccccgtcg 120
 gctccgccca ggccgtcggc tttcctcgga agaccctccg cactcgcatt ccgttccaat 180
 cttcgcttct ccactaagtt gagcacttca gtgtcgttct ccaagcaagg tcacgcgaga 240
 ccagagttgg a 251

<210> 25646

<211> 82

<212> DNA

<213> Glycine max

<223> Clone ID: 700905924H1

<400> 25646

cccacatctc tctacctttg tatgatctca aagttggctc tcacaggaac gtgaaaaaat 60
 ttcatacccg tgagattctc ct 82

<210> 25647

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905925H1

<400> 25647
gaagcgtgga ggtgcttttg tgggggtaaa gagtagagag tagatctgtc acggagcgta 60
tagtcgccgg cgacggcgag ggtgcacttt aaccgcgatt aacgatgatt aaccttcgcc 120
ggagcggcga aaacatccct gcgaaatcga agcgattcaa acgccaattg gtgaagtctg 180
aggagctgcc ggagtactta aaggacagcg agttcatatt ggactattac cgctccgaat 240
ggccgtgaag g 251

<210> 25648
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700905926H1

<400> 25648
caaccttggt cagtattcaa ttgattaat gacaccaaga tccaagcaca aagtttgtgt 60
cttttttcat ttattttttt ttctgccttt tgagtggaaac aaagtttgag tcttttttcg 120
gaaatttata tgctctgtga cattaactgc actttcttcc ttgtgggggt tcttctgtgc 180
agattaaaac ttgggagtggt gtgattatta ttccaaaatg accccacccc acacttagtg 240
tatgat 246

<210> 25649
<211> 177
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905890H1

<400> 25649
ttgggaattt ttcgaaaccc taaaaagatg aaccctacg atagcagata ttctgacgcc 60
tcttcttata gcggccgacg ttctgnattc gttgggccta ttccgccgcc gaacatcggt 120
agcccgaag cgcggtatcc ttcatgtcc ctggacccaa cgggttccga tctgtac 177

<210> 25650
<211> 254
<212> DNA

<213> Glycine max

<223> Clone ID: 700905862H1

<400> 25650

tacagatgct gctagaagcg cttctgatat tgtcctcact gaacctggtc tgagtgtcat 60
tattagtgcg gtgctcacca gcaggcgat tttccagagg atgaagaact atactatcta 120
tgctgtgtaa tcaccattcg tattgtgttt ggtttcttgt ttattgcgtt gatctggaag 180
tttgattttg cacccttcat ggttttgatt attgccatac tcaatgatgg taccattatg 240
actatatcca agga 254

<210> 25651

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905863H1

<400> 25651

catgaactgg gacaactcaa ttgcttgtct cagccactgt tccaggctctg attatggctc 60
tctggcctca ctgaatagga gcttttggaa cacaatccga agtggtgagc tgtacagggtg 120
gtgaagacta atggcataat agaacactgg atttattttt cctgtgccct ccttgaatgg 180
gaggcctatg atccaattcg tgaacgggtg atgcatttac caaggatggc ttctaataa 240
tgcttcatgt g 251

<210> 25652

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700905864H1

<400> 25652

ctccaaggaa gtcccctaata cagaaccaga gatggacacc aaaccaccg agatcagcag 60
cggcaagatg ttcggagggtt acaacaagag attcaagcat ttcagcctta ccttgggatg 120
ctccatgaat tccacatcta cttccctcca tctccttctc cctctcacia attccctgtg 180
ctgtactttc tctctggcct cacttgcacc gacgagaact tcatattcaa gtcgggtgct 240

cagcgtgccg cttcc

255

<210> 25653
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905865H1

<400> 25653

ctttgtcaat ggggtgatg cgtccatatt gttagaccag ggtggaaca tcacacaaag 60
 tgagaaaaat gcagttccta acttcaattc cgttcggggc ttgatattg ttgatgacat 120
 caagagtcctc tcgaaagctc ttgccctgga gtcgtatctt gtgctgatat tcttgcaactt 180
 gcagcagaat cttctgtgtc cttgtcagga ggtccttcat ggaacgtact actcggaaga 240
 agggatgggc taa 253

<210> 25654
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905867H1

<400> 25654

caccaaagaa agaggatgaag tcaaattggc cttagttctg ggagtgttga tgcttgagtc 60
 ttgacggaac gaacggaaaa ggggatctca atggacaaca ccaagcccct tatcgaactg 120
 gaactcacga tgatggcaga atcagaagaa ccgggaatgt gtggactgct agcatacaca 180
 ttataacagt gggtgtaggg gcaggggtgc tgtctttggc atgggttatg gcacaactag 240
 gatggttagc 250

<210> 25655
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905868H1

<400> 25655

cagaaagcaa gctcatccta gagttttaaa aatggcagca gcctcctcca tggctctctc 60

ttccccatcc ttggctggca aggccgtgaa gctggggccca tcagcccccg aagtcggggag 120
 ggtcagctga ggaagaccgt caccaagcag gcctcctccg gaagcccatg gtacggccca 180
 gaccgcgtca agtaacttggg cccattctct ggcgagcccc cgtcctacct cactggcgag 240
 ttcccaggtg a 251

<210> 25656
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905869H1
 <400> 25656

ctcgagccga gaaaatgaaa agagtgcgta aagtaaagtg ggagcaagag gttaataaaa 60
 ctggagacgg cgtggtacca aaggagcctc tctctcctgc ctgcgctcga gggagcaatt 120
 gaagagagaa gaagtaataa gctacgatga tgtctattac ttctataatt ggtacgccaa 180
 ggaacagggt tttgggggta gggtcactaa tacctgggtac cgcaagacca aggaacgtta 240
 cagagccaaa ctta 254

<210> 25657
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905870H1
 <400> 25657

gtctcaaacc tcttcgttcc ttcgattcat tccatttctt ccaaaatggc caaagaccca 60
 gttcgcgttc tcgtcactgg agccgcaggg caaattggat atgctcttgt ccctatgatt 120
 gctagggagt gatgctgggt cctgaccagc ccgtgatcct ccacatgctt gacattcctc 180
 cagcagcaga gtcgttgaat ggggttaaaa tggaattggg ggatgctgca ttccctcttc 240
 ttaaaggtgt tg 252

<210> 25658
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905871H1

<400> 25658

attcttccat cccaagccat ttttttccac aaaagaagct ccttttcac cttttctgct 60
 agtgcccagg tggagtctaa tgatggttca gctacagtag ccacacctgg tgaatctgtg 120
 acagaggtct gaaaactaag gagggtggagg tgggaatgtt ccaaaacgag gttgcagcta 180
 gccaaagtat aagaataagg agaagaccac catctggacc ccctttgcat tatgtaggac 240
 cctttcaatt cag 253

<210> 25659

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905872H1

<400> 25659

catccctcca agctatggaa aaatgtggca gctcaacttt ctgtctcttg cagggaaatga 60
 tttgagaggc ttcataccaa gtgagcttgg gaatctcact aacctgactc atctttactt 120
 gggatataca atcagtttga tgggtggaatc cctcctcagt ttggtaagct gaccaatttg 180
 gttcatctag acattgcaaa ctgtggcttg acagggtccaa ttcctattga gttgggaaac 240
 ctctacaag 249

<210> 25660

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700905873H1

<400> 25660

ggtgtgtgtt ggagtttag agagagagaa aaaaaaagg ttcagaagaa tcagataggt 60
 tagatttata tacaaaataa agaatagata cacttggagt tggagttaca cattattctc 120
 tctctcactc acaacactca gagggtgcaagc tagagagaga gagatggagg atctcgagga 180
 ggaagagAAC ggagcggagg aggtgttggg gtcaagcttg accatggaga aggtggcggc 240
 ggcgaagaag ttcattgag 259

<210> 25661
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905874H1

<400> 25661

tatgtatcct ctatctctgc tccattagca ataccacttg tgtatcctag gatgatggct 60
 atccatgata ttgactcaaa ggaagatgat gactctgtta ttctccctt tcttctctt 120
 tctagtaaca catcagtgat gatggaatat atcttcttga gaatgggcat gattgtttga 180
 tatatgttgg agactctgtg aatccagaca tcgtgcagaa actgtttggt gttgctacag 240
 ttgacaaa 248

<210> 25662
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905875H1

<400> 25662

cttagggctt ccattaccaa caccaacacc atcaccatca ccattctatgg cttgctcaag 60
 cgcccaaata cacggcctcg gaacccttc cttttcccgga accctatatt taggtcagag 120
 gctaaatcca aggcgcctt tatcaaggtc aagtcgcac ccactcccag gaggtccgc 180
 cctctcagag tcgttaatga gaaagtcgtc ggtatcgatt tgggaaccac caactccgc 240
 gtggccgcca tgg 253

<210> 25663
 <211> 69
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700905877H1

<400> 25663

cactaacggn nnnngngcnn nctgctaagg gtacnaattg aaaaagttga agcaaaacat 60
 tcaacactg 69

002250' ETTES60

<210> 25664
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905878H1

<400> 25664

gcaaaggaga gggaccttgg ttacttcctc atcttccctt atatgatggt gaggatgctg 60
catgaccaag tttggatcac actctctcgc catcgaactg ccaaaggcaa aaacagaatt 120
gttgacaggg cattgagttt gaacaagttg atcgagaaag caattgggat gaccagatct 180
tgttcaatgg gatcatatct tatatagggt atatgttagt tccagagagt tctcacatgc 240
ccttggtggag 250

<210> 25665
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700905879H1

<400> 25665

gcacaattct ctcttatcat ctttggtatt acctctttcc aaagtccaaa ttttctagtt 60
ccaccaaaacc aaaccaaaacc aaaatggcag cagcctcagc ctcatccatg atatcaacac 120
cagcctttct ccaaccatcc aaaagcacca tcatttgaag ccatccaacg tgtgcttcca 180
aggtcttaga cccctcgcaa gggtcaccaa agcctcatca accaaagtga gcaccaccac 240
caaaagggtt att 253

<210> 25666
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700905881H1

<400> 25666

cgagaaaaaa acttggacgg tgaaattgga aggttttccg ggatcccaag gccgaatctt 60
ggttcaattt acgaaaagag aagagagagg aacaacaaca cccgttggtg aatcttcaag 120

09531113.032200

ctgatcaaat catatagaga gagaaagaga gagacccgga taggaaaata gcgttttagag 180
agagaaaggt gaagtgaggt tgttttaaagt ttgggtcttg gtgggtgaaa gggaaagatg 240
acggatgtgg t 251

<210> 25667
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700905882H1

<400> 25667

ggctacttggt tgtgccttat tccctctgat tctggaacaa gttcccgttc tttcttatct 60
ttctccactg ttttattttc tccctgatct tctctacct taatttcagt cctatttggt 120
cttcgacaga tactctttta ccttcaccag ctcattcttc ttctatcttc ttctgctata 180
tatgctcaac ctttaaagggt tatttctctc tctctctctc aactagtttg agtttcattg 240
tactttgata t 251

<210> 25668
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905883H1

<400> 25668

tttcaatatt acttcttccc aaagtttcag ataggatagc tgctcgctac aatgatgtgg 60
aggatacact agccagggca aatacgtggc tgaatgcagc tcaagcttca ggtgtcccta 120
ttgtcttatg aatgtccaaa ccgagtcctt acttactaag atctctggag agacagcttc 180
ttccactgta aatgcaggcc cattatccga cttatctaac cttgcaaag caagccttta 240
tggctctaac 250

<210> 25669
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700905884H1

<400> 25669
 agcaccaaac ctactaatc caatccaact taaactttct catattttcc attctcctta 60
 gcttttttagc taattaacgt tgtcgtcaca aagaataaag catttagttc aggtaattga 120
 acatataatat aagttgttgt aaacttcata tctgactttg atccttacgg attaaaagaa 180
 gaaaaaaaag tgatcacaga gagagaggca cgatggtgaa cctgggtggca gcacagaggc 240
 cattgttaca tg 252

<210> 25670
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905885H1

<400> 25670
 ttccataatc ccgcaaggta aacgacggtg acgattggtg ggtggcgccg tacgcctcat 60
 cccatccatc gccatcggca ccttccttaa acgacatcgc gtccatcacc ctttttctct 120
 tcttccagtc acagcagtg tagcttccca aaaaagagtg ccaatggcat cttcttcaga 180
 ctcatgggtg aaggaatata atgaagcact gaaacttgct gatgatatca gtggcatgat 240
 ttctgagcag ag 252

<210> 25671
 <211> 157
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905886H1

<400> 25671
 ctagcaaggt cttatacctt agtcacatgc tcaatcatct tgtaatgacc gtgacgattg 60
 ttttatttct tagatttctc atccaacaat ctttatttct tctatccaca gcatattcat 120
 tataataata aaaggtttga gtctgtttga gtgtctc 157

<210> 25672
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905887H1

<400> 25672

gtgaccaagt actttgtcag cagtggcttt gcattcatcc atgcaaactc tgtggctgat 60
 ataatagctg ttgaggccgt gccggtagac cgaattgatg tgaatctagt ccagaagggt 120
 ctccagagtt cactcagaaa ctgaactcag ccacaactga tttggagaaa gctgaagctc 180
 agattgggggt tgatgtccat agcgctctca actctgctct ttcaggctaa taataagtac 240
 tgtagtgttg 250

<210> 25673

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700905888H1

<400> 25673

ctaagacaaa agaaaaaatg tttgcaggga aaggggctgt ttggttctcc agagcgggtg 60
 cgttggcagc aatcgcggtg gtagcttgcg ttgggcttac acaggcccaa cccgaggcca 120
 ggttcagtg c aacagcgcg aacatccccac gtgtcgcgcg ctcataagct actctcacc 180
 gaacaccacc accctcggcg acatccaaaa gctcttcaac gtgaaacaca tcctcgacat 240
 cgtgggagcg ac 252

<210> 25674

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905889H1

<400> 25674

gtggagctga gatcattaca tcagacgctg ttgtgtcatt cagggcgact gtcttgga 60
 gatcatgccg cactgtgatg agcaaatac ccaacaagca caatcgctctg tacatggaag 120
 caagccattg gaggaaggc ttgccgaggc cattgacgat ggcaagattg gaccaaggga 180
 tgaccccaag attcgctcca agatcttgct agaagagtct ggttgggaca aggatctcgc 240
 caagaaaat 249

<210> 25675
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905861H1

<400> 25675

aagcagtgca atgttgccaa caagcaccat gatcaggacc cttgaatttt cctccccttg 60
 tctatgatcg aggaagaaaa tctgtaatat attatgcaaa aaataattaa ggtcttttcc 120
 tttaaattggc tggttcaatg aaccgagacc actgcagggtt catgggggatg ggaggattaa 180
 gaggctatgt tttttaatct tccgatgtta ctgttggttt ttttttaatt tcaataagga 240
 tattatatat gta 253

<210> 25676
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905831H1

<400> 25676

ttttgataga gaaacttaca aaacattact tcaagctgga gaatcaccac catgccatca 60
 cacaccttca accagaggag ttatcatcct cactgcttgc atttaaattcc catatgtcca 120
 aatcaattga ccactagcat cggatttgaa acccggatca gagaccccc tgctcttaac 180
 atggtttgga aagtgtttcg gcctcttgcc cttcatcaac aaggcttttg gaaagcttgt 240
 tgtggatatt gactacccaa 260

<210> 25677
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905832H1

<400> 25677

tgcaggggta tgcttcgttc caccattctc atagaacca gcctactccg ttctttaaat 60
 ttcaattcta acaaacatca catagcttca ctcaaccaat ggtcttgccg gtttcattct 120

ccaaaacccc cttatcttcc tctcagaacg aaacgccgtt gtctcaggac cctgtcttga 180
 aggccatttc agagatttcc aaaggcgaag ggaggggttg ccaaacaaca aacgtaatta 240
 ttggaagcac tgctgcga 258

<210> 25678
 <211> 112
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905833H1

<400> 25678

accttctctc agtatatcac tggcagtccc tcttgagtgc ggcattgcacc ttttcgtttg 60
 tttcggagcc gttttggcgg ggcgtactaa acccactacg ttccacacaa ca 112

<210> 25679
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905834H1

<400> 25679

atttctcttc cctcaactaa actcatcttc caaaacgcag agccaaccca tgcgttccc 60
 cttcaaccac tctcccgcca cccacaccca ccaccgatg gacgacgacg acgacgaacg 120
 acccaccgtt tcctccgcc gggaaactcc ttcagcaacc cgccacctcc gttctacggc 180
 gtccctcaac caccacccc acagccggag atccacgtgt tccattccgc tcacgtgaca 240
 ccaggacacg tgtcccatg 259

<210> 25680
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905835H1

<400> 25680

cgcacgaaa ccttgacagta acaaaaaatg cggagtttca ctttctttga acgagtttct 60
 agagctttcc gcgatcatgg gtccaacttc aagcttgtac tcctctgcac caccgtaagt 120

ggtggaggga tgtagcttac ggagaggctg ctgccgcac tgaagcagcg gcggcggcga 180
 cggagaagaa aaaggtggtg gtgctgggaa ctgggtgggc tggcacgagt ttcttgagga 240
 acctggacaa ccccaaa 257

<210> 25681
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905836H1
 <400> 25681

cacagctttt gttctagcac ttcgctgtct gaggttcttg attctcagtg tttgcggacg 60
 cagcatcatc ttttagggaa gaatggatca tcaagggcat agccagaacc catctatggg 120
 ggttggttga gtggagctca attagcatat ggttctaacc catatcagcc aggccaaata 180
 actggggcac cgggggtactg ttgtgacatc agttgggacc attcaatcca ccggtcaacc 240
 tgctggagct cagcttg 257

<210> 25682
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905837H1
 <400> 25682

atctacatca agcatcatgt tcgttgctct tagataatgt tgtatgatta tagacgactg 60
 catcgtgtct gcctgctcag atgcgtactt gaccgattcc tgtctcttgt aacaccaggt 120
 cccacggaca gagacgatgg ataaaacgtt gttggcctgt ctcggttgta tgtattagct 180
 ggtgcaccgt tcgagagcac gaccttacct atagctgctg agagtacacg atgacaagac 240
 gctctagatg gcttcaat 258

<210> 25683
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905838H1

<400> 25683
 acgccgcact ctcttttctt ccacacaaca tacgagtttt cgaaaagtgc agatgcggcg 60
 atcgtggcgg cgaccgtgga cgttttcgga agtggattcg gcgggtgacg aagcggaggt 120
 taaaggcggc gaagccggcg ccgaggcccc cgccgcgagg aatcaggata agtgggtccc 180
 gttgaccaaa ctggggccgc tggatgaagga gggaagaatc cgaagccttg aacagatcta 240
 cctccactcg ctcccgatc 259

<210> 25684
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905839H1
 <400> 25684

ggcaaacgta agatgatgtc tgttactgtt gctgccgaca ctacctccgc cgccgtagga 60
 tctgtctttt cagatcgcg gcggcgggtgc ttaacgggtgg ctctccgatc taaagtgtca 120
 gtcaccccaa cagaatattg acgaaactca aacacgagtg tgccactcct ctgccccctc 180
 ttcaccaagt ggccaataac atgtcttctg acatgcgagc tgggcttgct gcagaggctg 240
 ggctggggcc cgggctt 257

<210> 25685
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905840H1
 <400> 25685

tggatgtgct cctaatactg ctacatggaa caccatgctt gctgtatgta gcgaggaggg 60
 taagcacaat tatgttaaca aggtcttgag ggaaatgaaa aactgtggat ttgagcctga 120
 taaagacaca tcaatacatt gattagtga tatgctcggc gcggatctga agttgattct 180
 gcaaaaatgt atgggggaaat ggtaaataca ggctttactc catgtgtaac aacttataat 240
 gctcttctaa atg 253

<210> 25686
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905841H1

<400> 25686

tggaagagaa aaatgggaga cacaaaggag agagctacga agaaacccgc ggcaaaatgg 60
 cctctcatca aacccaaaaa gaatcttcag attagccgcc tccgagattt cgatctcttc 120
 acggggagct aggtccaact tatggcgaac attcagagat aatgatcgaa tgttggtgga 180
 tgatcctgtc cttgcagata ctatttgga gtctggactt agcaaactat tttctgatat 240
 taaaattcga 250

<210> 25687
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905842H1

<400> 25687

ttcgatttgt tgtggattgg atgatggaaa aaccagcaag cccctttcat tgaaagggcg 60
 cagtgaactg taattgtgaa aaggttgga gatctggcca aagaaggtga tagccctgta 120
 gattcgttcc atggttcgat cttgcccag tacaacgcgg cgtgttcgaa ttctgatcgc 180
 ttttacgcga gaaaggggga ccaccctcta agcctaagta ttcctcaatg accgatagcg 240
 tacaagtacc gtgagg 256

<210> 25688
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905843H1

<400> 25688

ctctatttgc gttttctcat tttctttctt tcgttctctt ccgtggaacg agtagtcgaa 60
 acttgaaatc aaaaggcagc gggggaaaaa gatcagagag cagtaggggt cgaaaatggc 120
 agcagaatca tagagggcga agaagatacc aggttaagcg gaggtaacca attgctcata 180

gttgacgatg gcttaacgga aatgggaaag caagccgctt ggagcgtgag ttcttgcaaa 240
cgcggt 246

<210> 25689
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700905844H1

<400> 25689

caaacctgca gcttcttcag atggggatga ggatttcattg tccctaacag taccaaata 60
tcaaaataag aattttttac ccaatcagag aggaactcca aatgcattta tagataatga 120
tatgggctac acttcagca atctatgggt taattcttct tccagtagag gagcacggat 180
tcaagctaatt tctcgagatt tggatgagct tagtcacaaa gaaatcctat catctcagca 240
tactgggaaa ctttctg 257

<210> 25690
<211> 103
<212> DNA
<213> Glycine max

<223> Clone ID: 700905845H1

<400> 25690

gactttcaac cccatccaat cctcacatgc atgctgtgtc tgccaaagt ccaagtcaca 60
taacatttcc attgttacca ttctttcttt ccacacaaca tac 103

<210> 25691
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700905848H1

<400> 25691

cttcaattca atcttcaagg tcctctcaga gtccacaaag ttgcttaagc ttgacaggaa 60
aaatgggttc ccttccattt tcatgggagt ctaccctggc tcattttatg gaagactgtt 120
cccaaacagt tcttgccttt tgtccactcc tccttcagtc ttcagcggct ttcaagggtt 180

cctccatcag tctatgctga gcacaaaagg ccattgaaca aagggtgtgt ttacatttgt 240
 gaatcaagcc ctgaa 255

<210> 25692
 <211> 248
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700905849H1

<400> 25692

acgagatttt tngtcaaaat ggtagtggta agttgagtct agggcttcgc aaagtgaagc 60
 cttaccttgc tatattgtcc cttcaatttg gctactcagg gatgtatatc atcactatgg 120
 tttccttcag catggaatgt gtcattggat actctcagtg tatcgtcatg tagttgccgc 180
 tattataata gtcccttttg cacttgtcct tgatagaaaa attagaccaa agatgactct 240
 tcccatct 248

<210> 25693
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905850H1

<400> 25693

tgagtgccaa aaacacaaaa ttaaattgctg gcttgccaga agaggagaat gagaaatctg 60
 atcaggttcc aagccccctct gctccacagc catctgatca ggttactgaa aagcatgtca 120
 cccatgcaag gctgttgata ctgaagctga tgcaagtggg gtgaacttat ctctaaatc 180
 taacaatata cagtcgcta attcctctaa gaattcagag ccaagctcac ctttttcacc 240
 aaggaagtcc ttgcat 256

<210> 25694
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905851H1

<400> 25694

gtttgttacc tcactttgtt ttttttctct gcagtagtag acaaaaaaga aagacagaag 60
 aagaagaaga agaagaagaa gaagatgttg agggttgcag ctagaaggct ctcttctctc 120
 tctctctccc tccgtggcgg cccaaccacg ccgcttcgcg ttatgtctct cgaaacgcag 180
 tcgttgatga ccgcagatcc gatccttccct cccatccctt ttttcccttc agaggttttg 240
 ctactgaatc cctgatc 257

<210> 25695

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905852H1

<400> 25695

cacgaggatg ataatgggga agaagagtaa tgcggaaaac gatgaggtgg ccaggttgag 60
 gaaggtggtg agggaggtcg gggagctgct tggggcgttt aacttggggg atgttatgtg 120
 gttcatgagc ctttggtatct gcaagggttt gggaagaaga acatggaaac tcaccacaag 180
 gtggatgcga tgatggagaa ggtgttgagg gagcatgagg aggctagggc taaggaagat 240
 gctgactctg atag 254

<210> 25696

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905853H1

<400> 25696

aagcctttgt tgcattcttc tggctccatg ttaccctcca aggacaaaga actttctgtt 60
 tctgccagaa aactcgctgc tacattgttg gaaatcaatg atttgctcc ttcgaggggtg 120
 aagaaggatt cgaggttgat caactgagag gcttcaagga gaaggttaga ggcagacata 180
 agaagagtgt gcggttgtag agatcgggcc tgtaagggc atagatgtca gatccgtcgc 240
 atagtctgt ctca 254

<210> 25697

<211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905854H1

<400> 25697

catgaactgg aaggttcac tagtaacact atggctgcac gtctgcgtcg gcatggcaac 60
 agaactgtat ccgttatcaa ttctggtaat gcttggccag cagcaggtcg tggactggta 120
 cagtcataag taatccttca caatctaaac tttcaacaaa taatgtcctt ggactgtctc 180
 gtaacactgg gcagatgaaa acagtaatta acagtggacc gtcacatca acttatgctg 240
 gttctattca ggct 254

<210> 25698
 <211> 193
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905856H1

<400> 25698

agataggctt cacttcaaca cttcaagcag ccttgggctc atgagcatga gcctgttggc 60
 agtctcctag aagctgttaa ggtaatcaag cctacagttt tgattggatc atcaggagtg 120
 ggaaaaacat tacaaaggaa gacattgagg ctgtgacttc tatcaatgaa aaacctcttg 180
 ttttggccct ctc 193

<210> 25699
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905858H1

<400> 25699

agcgagtcac tgttccgtgt tcccactgag tcggtatcaa cgagtgaccg agtcgaaaag 60
 cgagtcacca ctccccgcgc tgcattggacc ctctcgaagc tttggctgcc caaatccaag 120
 ggctatcggc tctccccgcg acctcactcg cctccacact gttctaaagc aagccgatga 180
 ctcgcttcga tccgagtcaa ctgcctcgc tccgattctc acacagctcg acccctccat 240

002250"ETT550

tcactccctc gggc

254

<210> 25700

<211> 102

<212> DNA

<213> Glycine max

<223> Clone ID: 700905859H1

<400> 25700

atctaaatgt cctttttcct tcgtgtccgt agtcaataat gcctcttcca actcctccac 60

gagggagcct tcggacgtgc atcgaatttc agaattccaa ac 102

<210> 25701

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700905860H1

<400> 25701

caaacaacca caagtgttct tcctctgtac acaaactcta ttcctagttc agagtaccgt 60

ccttttacct tgcgtacaca tcaatgaaga aaaaaaatgg aaggagctgg gtattgtggg 120

agtttcttta gaggtgcaag ccttacatag ccatggtttc tctgcaattc ggatttgagg 180

gtatgaacat aatcactaag gtttccctca accgtgggat gagccactat gtgcttggg 240

tttatagaca cgcct 255

<210> 25702

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700905830H1

<400> 25702

gccacttaga ggttgaagca gcgcgcggct tcttagtgag attcaatggc gttcattggg 60

gcagtcaaat tcttgctgca gcacttactt ctattatgcc tcttcaacta tctacctttt 120

tctcaaggta agagaactgg aatgaagggt acccgtttat aagaagagca agttcattgg 180

gttataatgg gaaaagtggg gggtatgatt atataatagt ggggggtgga acagcagggt 240

gtccattggc tgcaac

256

<210> 25703

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700905795H1

<400> 25703

atctcactcc cactcccaat cccaataaca gtaaccgttt ttggttcttc actccctcac 60

tctgttccac cagctcatg gccactgctc acaaggctct gggtcccatc gccgacggca 120

ccgagcccat ggaggctgtc atcaccatcg acgtctctcg acgtccggc gccgacgtca 180

ccgtcgcttc cgcgtccgac aacctcgccg tccaagctct ccatggcgtc aagatcatcg 240

ccgacgcc 248

<210> 25704

<211> 221

<212> DNA

<213> Glycine max

<223> Clone ID: 700905796H1

<400> 25704

aaaaaaagta tcggatatct caaagggttta tgcttcagtg aagagaaatg gcagctgagg 60

caaatctttg atagcaaaag cagcaggtgg tctttgcagg ggatgacagc tctcgttaca 120

gggtggttcca aaggaatcgg atatgctatc gtggaggagt tggcacaact tggagccact 180

gtacacactt gcgctcgcaa cgaagctgaa ctcaataaat c 221

<210> 25705

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700905802H1

<400> 25705

caaaaagtca gtgcagcgaa aacggacgat ccgaagaata cccttttcat ctctctctac 60

aataatcatc ctcttctctc tcagtaaatt attgtacctg acgatcttct cggtttgatc 120

ttatatcaat ggaaattttt agacagaact cggattcaca gggaaatcta attgcatagg 180
 aacagtaaag acaacacctt tttatctcta cacaagtgat tatggcgggtt gctgagaatg 240
 ttggggccaa aatcggttct tc 262

<210> 25706
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905803H1
 <400> 25706

gcgaaaccga aaaccaaadc cgaagagtga aggttcgttg aatcccatgg cgagagtga 60
 gcacacgccca gcttctcgca aatccgctaa aaagcaagcg ccacgcgcat ccacttccac 120
 gcagccgccca ccacatccca atcgccctgca actagagaga ggaggagagc tcaacaagtg 180
 gagccgcagc aggagcctga ggctcaggga aggaagaaga ggcgcaatag gtcgggaact 240
 gtggcgcttc gtgagattcg gca 263

<210> 25707
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905804H1
 <400> 25707

acttcgatca tacacttagt tgcttccaat taagatgggt ctgctagaga agctctggga 60
 tgatgttgtg gctggccctc aacctgagcg tggccttggc aagctcagaa aactcaccac 120
 cctcaaaact attgtgaagg agaaagtagc aagctgcaga agacgttgtc gatgccgtcg 180
 acaccaacaa ccccgatgac tccgacgact ccaacgacac cgggatcggc ccgtaaagct 240
 gacaacgttt ggaggagcgt c 261

<210> 25708
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905806H1

<400> 25708

attcgaacaa tagtaaacaat tttctgcaag caaaccaaag ttaagcaaag caacttttcc 60
 cagaaagttt caacgtgaag agcgcagatg attatgattt accatgaatg aaaaagtcaa 120
 tataaggaag cgaaatggaa gaagagtaaa aagtcataatc agaagtttca gtgacaaagg 180
 ttgttgagga ggcggatcat aagaatgaaa gcattaagga gacaaatgga gacctgccaa 240
 gtgaagtaaa gatagaagag g 261

<210> 25709

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700905807H1

<400> 25709

ggatttttct acagctaata tgataggagg aaaaggttta aagggaatt cctggcctga 60
 tttggacatg ctaccatttg gatggctaac tgatccagga tcaaatgaag gtccacacag 120
 gtttagtaaa ctctctaga agaaaaaagg acacagatga ctttgtggtc tttggcgaag 180
 tctcccttta tgtatggggg ggatgtgagg aagattgatg caaccacata tgaacttata 240
 acaaatccta ccctgctag 259

<210> 25710

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905808H1

<400> 25710

tgggtagatt agcttaaaaa gaaagatcta ctgggggcgt cagacccata tgtgaaactc 60
 aaactcacag aagagaaact tccttcaaag aaaacaactg tgaaatacaa gaatttgaat 120
 ccggaatgga atgagaattt aatgtagtcg tcaaagatcc agaattctcaa gtcttggagc 180
 ttacagttta tgactgggag cagattggca agcagacaa gatgggtatg aatgtcattc 240
 cactgaaaga gat 253

<210> 25711

<211> 209
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905810H1

 <400> 25711

 gacagatgag agagaaaagag agggagtaag tgggtaaacg acagagtact aaagagacac 60
 acctaacaca acacaaatcc ttgaaacgac gacggatatg gccgtttcga gtcgcacat 120
 gcgtttcacc tctggtgccg ctccgatccc gatttctcgc cccccccgcc gtccttcgac 180
 atactccgcc gccgaaactt ccgctcatc 209

<210> 25712
 <211> 257
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905811H1

 <400> 25712

 gtcttgatgt tatcaatcaa acctggagtc ccatgtttga tcttgtcaat gtgtttgagg 60
 tgtttctacc acaacttctt ctgtatccca atccatcaga ccccttgaac ggtgaagctg 120
 cagctttaat gatcgtgatc gagccactta tgaacaaagg gttaaagagt actgtgagaa 180
 gtatgctaaa cctgaagaca taggagctgc cacagaagag aactccagtg atgaagagct 240
 aagtgaagat gaatatg 257

<210> 25713
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905812H1

 <400> 25713

 catttctgga acatccatgt catgccctca tgtaagtggc ttagccgcaa ttctcaaagg 60
 agcacaccct cagtggagcc ctgccgccat cagggtccgca ctcatgacaa cagcgtacac 120
 gagttataaa aacgtgaaac gattcaagat atttcaacag gacaacctgg gacgccgttt 180
 gattacggtg ccggacacgt cgatcccgtg gccgctcttg atcctggtct cgtctacgat 240

gccaacgtgg acgattac

258

<210> 25714

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700905813H1

<400> 25714

ctaattcttca tattcatcaa actcatcaaa atgaatctgt accactcctc caccaccacc 60

accaccacca ccattcttcac cgtcatattc ctctctcttg caatattatt cactctcaca 120

ccccacaagg ccaacgtgcc acgtgtcacc ctgaggaaga agcgggcctg ttgggcttca 180

aatccggtat ccgatccgac ccgtccggcc tgctcagtaa ctggatatcg ggtacggact 240

gctgcacatg gaccggagta g 261

<210> 25715

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700905814H1

<400> 25715

tggcagaaat cctttctatg ttgcttaaga agttacctac ttatagcaag agaattctagc 60

tctattgggt gtgtaaggta aaaaaaaaaa acgcataacc atgtcaacca aattgattga 120

cacaagcctt agcctttggt atggcttgta attgcaacat cagcaatagc acaatctgat 180

aacccccag ttcttgacac agaaggccac cctcttgagc ctggcagaga ttactacatc 240

acaccagcgg taacagacat tgg 263

<210> 25716

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700905815H1

<400> 25716

tgcttaagca gataaaggaa atgtgaacgt gcaggaagga gccaatgatg aagtaaatga 60

aagacgaaga attaaaaacac cagctgatac acttcccctt taccttcaca taaatttctc 120
 tgtgccattt tattagatac aaattgatac tattctgtat caaatttcag tcagatattg 180
 gctgtgtaca tagggttata ttattgatgc actgtatttg tattcaaatt ccaattccaa 240
 atggcgaaca tatttgattg c 261

<210> 25717
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905816H1
 <400> 25717

gttgtctctg tcaatgatca ggagcatgaa aagggtcctt ctgattctag ccagaagcat 60
 tgtgatgtcg ataaggggtg tgtttcatca tctattagtg aaggtagcat ggaaatcaag 120
 ttgacaactt ccacatatca atccatctca cacctatcaa taattctgtt tcacaagttg 180
 tttcggaaaa taatagtttg acatcacatg agataataga cattccacct tctagcaaag 240
 ttgtttccac tcatgaagtt a 261

<210> 25718
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905817H1
 <400> 25718

gtgttgctgt tctattaaac ttttgtactc ttgctttgaa actagttggg tatgcaagtt 60
 ttagttttct attttatttc agacttttca ggtgctcata ttcttatgat atcatcaaac 120
 tgcaaataata gtgagcccat taagctatta ctgaaatttg ttgcagattt gaaattcttc 180
 taagatggat acttcttata ggactgggtgg agtcaagtac gcgtgcttgc tttttga 237

<210> 25719
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905818H1

<400> 25719
 atttgaacta ctttagtatt atgtagcat tttcatatgt taacacatca tttttaatct 60
 tgtatagtta tacctattat ttgccagtta tatggatagg taagtaaggt gctgctaaca 120
 taggggattt gtagtacaaa aatttacgga tgtttcgagg tggaagagtg atgttggtga 180
 tggaaatggt aatttgata ctaagtggac caccaaattg caaacaccac aaggatactt 240
 tttattataa agcacatct 259

<210> 25720
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905819H1

<400> 25720
 gaagaagata agctagctaa ggcagcaatg ggtaatcctt ctaagctttt cccatttttc 60
 tttgcattca ttgtgtttct gatgccctta gtttccttat cccacaatga cttctctacc 120
 tttgccataa aaccgtttca tacctagttt cctttagtga aaatccaaac cataatggcc 180
 acatcaccac aagctccaat gaaagagaca aatcacgtct ttggaggaaa gccttcattg 240
 gcttaaaaaa tactcacg 258

<210> 25721
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905821H1

<400> 25721
 atccttttgc tgagcacata gcctactttg tggtatttgc cattccatta tacacaactg 60
 tggttgccag aacagcttct atagcatcat atgctgggta tctcgcatatc attgacttca 120
 tgaacaattt ggtcactgca atttcgagtg catoccaaag gccattttca cagcatttcc 180
 cttcctaaaa tatctcatgt atacaccatc gttccattca ctgcatcata cccagtttcg 240
 gacaaattac tcactcttc 259

<210> 25722

<211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905822H1

<400> 25722

gataattaga ggggttttct ctttgagaga atcgtatctt acaacttttc gtgaccactt 60
 ttagtgaggg aagagaagct aagagagaga ctccaattag attcaagaga gatggccatc 120
 agccatgaaa ctgggctttc attttcggtc ttctaggcaa cgtgatctcc tttatggtgt 180
 tccttgctcc attaccaact ttttaccaa tctacaagaa aaaatcatcc gaagggtttc 240
 aatcactacc ttatgttgt 259

<210> 25723
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905823H1

<400> 25723

ataagtatga tgttcaaatt gatattgagg ttcttgattt gcttgacact gcttcaagac 60
 aaaaagagat ccacattgtt acaaaaatat actgggggga tgcaagagag aaacttttgg 120
 atgctattga agtttgaagc tggattcgct ggttatggga agcaggggcc tcagcacaat 180
 ccaaaggatt atattgggaa gtgtaagcaa ctttgtgatg acccatgcct cttgcctgt 240
 gactatcgtc aaggaaa 257

<210> 25724
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905824H1

<400> 25724

cgcaaagtag caaacttccc tggttatggc tatggagAAC gccgggaatt tagaagcggc 60
 catagaacaa ttgctgaatg cggagaagca agcgaggctc gccggcgacg tcgccgccac 120
 cagaaacgcc gtactgaaat ttacggatg tgcttcgaag cgcgtgcctg gaaaaccctc 180

aatgaccaga ttgttctctt gtccaaacgc cgtggccagc ttaagcaggc tgtgacagca 240
atgggtccagc aggctatgc 259

<210> 25725
<211> 258
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905828H1

<400> 25725

gcttccaacc ctctacattt atctttgtca atataacatt tctgatgctg gacttttttt 60
gtattttcca tccacacatc ttatttttgt ggcnacacct tncacattgg nggagacatt 120
gnnagttagt gtagaaactc atagacttga gactaaacaa tgagtctcat tcaactgggtct 180
ttaatcttat ggatcaccat gatgatgctt attatccata atttggataa cgtggaagga 240
agataccact atcacagg 258

<210> 25726
<211> 258
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905829H1

<400> 25726

cgtcaccaca aaacctaaga ttttcaatag atcttaactt ggtaaccact ttctcacggc 60
aacggctggt tacactnnga accgtcgccg tcaaccgtct gccactgcca gagttcattt 120
ggacaaaaga catgggggag tagaggattc tataaacctt gggagctgtc atctatacag 180
ggattatagt gcnacttgca ttattcattt acttagataa caagacacat aggatggaac 240
ccagtagaga gcaaagaa 258

<210> 25727
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700905794H1

<400> 25727
 caagaaatag agagagaact tcaagtgagg gtgagagtga cacaaatcta gagagagcac 60
 tagtactcta aaagtctatt atattcttca aaatatgacc atgcatcgcg agtattgggc 120
 ttttgtcttc ggcgttatgg gcaacatcat ctcttttga gtgttccttg ctccattgcc 180
 aaccttttac caaatctaca agaagaaatc cactgaaggt ttccagtcac ttccttatgt 240
 tgttgca 247

<210> 25728
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905758H1

<400> 25728
 ttcatcttct ggttttggat cattcagcgc cacacagaca tacatggctc ttgagtcagc 60
 tcctgattca gctgacatca gaggagtcca cactcatggg ggaggctatg ttcagtataa 120
 tatctatgga aacctctttg aggtctctag gaagtatgtc cctcctattc gcctgtggg 180
 acaaggagca tatggaattg tttgtgctgc tgtaaatagca gagacgcatg aagaagttgc 240
 cactaagaa 249

<210> 25729
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905761H1

<400> 25729
 agcaaagatg acaggtggga tgtttggaag gaagggggcaa aagataaagg ggacagtggg 60
 gttgatgcc aagaatgtgt tggacttcaa cgccataacc tccgtcggaa aaggcagtgc 120
 taaggacacc gccaccgatt tgttgggcaa aggcttggac gcattagggtc atgcagttga 180
 tgctctcact gccatcgctg gccatagcat ctctcttgca gcttatcagt gctactcaga 240
 ctgatggtag tgg 253

<210> 25730

<211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905762H1

<400> 25730

ggcttcttct acatcacatc cacccttcca acccctcctg aacctgtctg catccattcc 60
 catttgatct tccgcatgca tggtcccaac gtctacaaaa cctagcaaag caacaaaacg 120
 gcgtcatgct tgggaagtag catgcaatgg taaccctaga aataggaggg acattctgat 180
 cggccttgga ggactctatg gtgctacaac aagtctcaca agtaacaaca ctggttctgc 240
 acttggtgct t 251

<210> 25731
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905763H1

<400> 25731

cactaataaa ccagccacaa agaacaccct ctctcacatt ctcttctctg ctctttctag 60
 ccctctgcac ccattggat gctgctcaca ccgacttcgc aggttcagcc tgctcaaag 120
 ttcccttag ccaacttcgcc ggctcggta ccgaagtcac cgctgccata cgtcaactcg 180
 ctctgactct ctacgcttc ggctctcct tggccaactt ccgcctcagc accgccatcg 240
 ccgactgcct gg 252

<210> 25732
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905764H1

<400> 25732

gcacgcacgc tcggaactcg gatcgagaga atcccacgcg aggagaaaga tggaggggaa 60
 cgagcaggat gtgtcgttgg gagcgaacaa gttccccgag agacagccga ttgggacggc 120
 ggcgagagc caagacgacg gcaaggacta ccaggagccg gcgccggcgc cgctgggtga 180

cccgacggag tttagctcat ggtcgcttta cagaccaggg acagcagagt ttgtggccac 240
 ttttctgttt ctctacatga cgtcttaac cgttatgg 278

<210> 25733
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905766H1

<400> 25733

gaaaacattc ttgtggggta ggtactcttt ggaaatgtct gctgttattt acaaggactg 60
 ggttttcact gatcaagcat tgcctaata tcaaccaag agaggagttg cggttaagga 120
 tccatctgct ccccatggag ttcggctttt gattgaggac tacccttatg cttctgatgg 180
 gctagagata tgggatgcca tcaagtcttg ggtgcatgaa tatgtctcat tctactacaa 240
 gtcagatgca g 251

<210> 25734
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905767H1

<400> 25734

atacagcaga gcaccaagac gcacttaaac caattgtgga aattggctta cccggacagg 60
 gagcttcctt cacttaaata agaccttttg aacgaaatgg gatggcaagg ttctgacctt 120
 tcaacagatt ttaggggttg aggatttatt tcattagaga atctcatctt ctttgcgatg 180
 aagtatcctg attcattcca gcgattattg cataaacaag atggaaccac agctgagtgg 240
 gaataccac tt 252

<210> 25735
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905768H1

<400> 25735

ttcgacggcg acggcatgct ccacgcgctt cgcacttacc atggcaacaa acccaccgct 60
 ctgcagccgc tacgttaaaa cctacaaata caccatggaa aacgacgccg gtttccctct 120
 catccccaac gtgttctccg gtttcaactc catcgtggcc tccgcggcac gtggctccct 180
 gtccgctgca cgtttcttaa cggggcactt caaccccgct acggcattgg cctg 234

<210> 25736
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905769H1
 <400> 25736

gccgcttgta agctctttcg tcgagtgcgc gatcatgaca ggactcgagg aagaagcccc 60
 ggctaactcc gtgccagcag ccgcggtaac acgggggggg caagtgttct tcggaatgac 120
 tgggcgtaaa gggcacgtag gcggtgaatc gggttgaaag tgaaagtcgc cacaaactgg 180
 tggaatgctg tcgaaaccaa ttcacttgag tgagacagag gagagtggaa tttcgtgtgt 240
 aggggt 246

<210> 25737
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905771H1
 <400> 25737

ggagcttata tttggccagg attatgtcac aactggagca agtagtgatc tccacactgc 60
 tactgagctt gcccaatata tggtatcaaa ttgtgggatg agtgatgcaa tcggggccagt 120
 taatataaaa gagcgaccaa gttctgaaat gcagtcacgt attgatgcag aggttgtgaa 180
 actccttaga gaagcatatg atcgcgtgaa agcccttttg aaaaagcatg agaaggcatt 240
 acatgtgctg 250

<210> 25738
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905774H1

<400> 25738

atgctgagac aaactgaacc ggatcctgta gttgaggatg actaccagtg atgaagaaat 60
 tgatgtggat gaactcgaga agaggatgtg gagggacaaa atgcgtctca agcgattgaa 120
 agaacaaacc aagtccaagg aagggactga tgcagcaaag caaaggcaat cccaagagca 180
 ggcaaggagg aaaaagatgt caagagccca agatggaata ctgaagtaca tgctgaagat 240
 gatggagggt tgcaa 255

<210> 25739

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700905775H1

<400> 25739

gtgttactgc tcaactccatc tcagtctcat cactctccaa ccacaatcgg ctgtattggc 60
 gcagcgccgc ctccgctcgc atcattccct ccgtgtcact ctccacctct tgctcgtcct 120
 tcttctcctt atcatcctct tccaaactca aatgcttgcg ctctctcctt cgcatttcgc 180
 acctctttct caatcagcaa agagcggagg ctgcggtttc gagtggagga cacggaacgc 240
 tatcggcgcc ga 252

<210> 25740

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905776H1

<400> 25740

gcacaacaca ggaaaccaac taaattctga gaagaagaaa aacattcatt cttttccatt 60
 acaaaaaaat ggaacgctct acaaaactct tctcggcggc gttggttctc ttcgcggaac 120
 tgggtggcaca ccaggcagca gcctcacagg atctaaaagg acagaagcta atcaacaagg 180
 tatgcacaat cgccccaagc agagacctct gcgttcaa at cctctcatcg gacccaataa 240
 gaagccctaa c 251

<210> 25741
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905777H1

<400> 25741

gcgcagaaag atcttcagtg cacaagaatc agagacagga gaaaccctct tcggcttgac 60
 acgagcctcg aagtggatcc ttcgcgacac gaaaatgacc ctagcaccca tggtgctgct 120
 ggagaaccac ccaattcacc tgaaccctgc gcactacatc agtgagatta ttagagaagg 180
 cacaaaaaat ggcactgctt tctttaagtgc ccatggacat gagcaatttg agatgacggg 240
 tttggatcc 249

<210> 25742
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905779H1

<400> 25742

accatcttgt ccacttatcc cacaactaat ttttgatttt acttgtttat ttatcttctt 60
 cctcccttgt ttgtttgttt ctttgtttct ttggcttgac aagaagaaga tgatgatgat 120
 ggacaagggg gtgttggatg atgtgataag aaggcttctg gaagggaaag gagggaaaca 180
 ggtgcagctc tctgagtcgc agatccgtca actctgcgtc aacgccagac aaatcttcct 240
 ctctcagcc 249

<210> 25743
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905782H1

<400> 25743

attagctgaa ccctcacctc aatcttgctg gctagctagc tttattccaa ttcttacaga 60
 accaaattat tctgctagct agctagtagc tcaaataaaa tacaataatc aaatatggca 120

ttcagcggga cccaacagaa atgcaaggct tgcgacaaaa ctgttcactt tgtcgaaggt 180
 tcatctgccg atggagctgc ttatcacaag aactgcttca gatgcagcca ctgcaatggc 240
 cttcttgcg 249

<210> 25744
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905783H1
 <400> 25744

ccaggctcca ggttgcgttc cgagcttgcc aacgcaaacg tatcgagcca gcctcacaag 60
 ctacggatct tcaccgcgct ccacccttct tccctatccc ttcgtcccct ccaattggaa 120
 tgtgtttgtg acttcatatg ctggtagtgt acattttgaa attgcaactg tgggtgggagc 180
 aataatatat ttgacatca tcacggagat acagacttgt ggcaggccga ttgactcctt 240
 gctagagaaa gtgcttt 257

<210> 25745
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905784H1
 <400> 25745

aatatactga tcataaatca catagctagt tgtttaaagt gagagaaaaa gaaagaagaa 60
 aatggcaaac tttccagttg ttgacatggg gaaacttaac accgaagaga gagcagcagc 120
 catggagatt ataaaagatg cctgtgagaa ctgggggttc tttgagttgg tgaaccatgg 180
 gatatccatt gagttgatgg aactgtgga gaggtcaca aaagagcact acaagaagac 240
 tatggagcaa a 251

<210> 25746
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905785H1

<400> 25746
 tccgtgggttc gattcaatag ttttagtataa atgttggtgtt ctctgctgaa cccttcgttc 60
 accaccaccc ctctccctcg cttcaattcc aatccgtaat aaccgccgcg cgtgcaccgt 120
 agtatcatgc acgtcctcac acctcaccac ctccaaccac tacgatgttt gttcgcgcgc 180
 gaacatcaag gacgtggccc gctgccgccc cgcgggcgag aacgacttca cggcgaagta 240
 cgtcccttc 249

<210> 25747
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905787H1

<400> 25747
 gcgatccaaa gtaggtgtac atactgcac tcctggcatg gttcttacag atctgctttt 60
 aagtggctca acggtccaaa acaggcagat gtttaacatc atctgtgagc ttcccgaac 120
 tgttgctaga aactagttc cacggatgcg ggttgtaag ggaacaggca aagctatcaa 180
 ttacttgacc cctcccagaa tcttacttgc tttgatcact gcttggttac ggcaaggctc 240
 ctgggtttga 249

<210> 25748
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905788H1

<400> 25748
 ggcgacgagt ctccaattc ccgctggggt tcacttaggg tttctgacga gccacgaga 60
 aacggttttg gggctaggga ttccaatcgc gagcttcccc cttcgcgcgc tgacgaaact 120
 gataattgca ccgccgcgaa gaaaccctcc ggggggtttg aaaggacgga gagggacaaa 180
 ggagggtttt ttgactcgca gtcgcgcgct gatgaatctg acagctgggt ttcgaataag 240
 agttt 245

<210> 25749

<211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905789H1

<400> 25749

cgggcccgtg cccatgcaca ggcccaaatt ttggctaccg gaactcgaat ttgggttttc 60
 caccaaacca gaacctgtt cgtgtttctc ctctgtttc tgttccggtt caggttcagt 120
 catctgaaca ggacaagaag atcatggacc acaggcttct tgaattggac aagcagcttc 180
 tggaagataa cgacgaagaa ggagaagcag atgctgcgtc tgtgataacc acgagcgagt 240
 ggtccg 246

<210> 25750
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905790H1

<400> 25750

cggcgatcat atttctctgc aatccgaaca gaccacacct tctctgcaat tagttgctga 60
 gtttttaggtg agagaaaagt gttcgggaatt tccaaggtt tctgtgaata tggcgaataa 120
 cttagcgggtg caacaactgg ttggttcaga gatacatgga ttccaacacac cgcacgcctc 180
 taacgccggg agcattatgg aggaagcaag aaccagatgg ctccgtcca atgagattca 240
 tgccatgct 249

<210> 25751
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905792H1

<400> 25751

aacgattcaa gatatttcaa caggacaacc tgggacgccg tttgattacg gtgccggaca 60
 cgtcgatccc gtggccgctc ttgatcctgg tctcgtctac gatgccaacg tggacgatta 120
 ccttaggggtt tttgtgcgca ctaactacc tcgtcatttc aaatcaagct tgctgcgacg 180

00220-ET1450

agggactata cgtgtgaccc gaagaaggac tacagagtgg aggacttcaa ctacccttct 240
tttgcggtta 250

<210> 25752
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700905757H1

<400> 25752

aatgtcttgg ctccctataa ttgtgtttct cagcctcaca catggtagtt tttcagagac 60
ctaaccacga caagaagctt acttatgctg ttgtggttgg cactgtctac tgtgacacat 120
gttctcaaca ggaattctcc attggaagtc atttcatttc aggtgcctca gtagttgcag 180
aatgcaaaga tggaattca atacaaagtt tcaagaaaga agtgaagaca aatgaacatg 240
gggaactcaa agtgca 256

<210> 25753
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700905723H1

<400> 25753

aggagacagt tgagagaatc gatcagggtta tgaagagtgt tctcatcacc ttggatccga 60
gaattgatga ctatgttcca attctaagtc cgtttttctc aaagcaaaga aagaaagcct 120
tgagaggttcg tagagaacaa gttgagttct tagttccaat tatagaacaa agaagaagag 180
caatccaaaa cccgggttca gatcacaccg ccacaacggtt ttcctaccta gacacacttt 240
ttgatctcaa agttgaag 258

<210> 25754
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700905724H1

<400> 25754

attgacaccc ttggacctgg tgctgtaaat tttatcatag atcatgcaga agtagatttt 60
 gtgttcgtcc aagataagaa gggttaaagag ctttcaaata ctgaatgtaa atcctcaaag 120
 cgactgcaag ccatgggtgtg cttcactaca ttaacagagg aagagaaagc taaagccaca 180
 gcaattggaa tttagccata ttcgtggcat gaattcttgc acttgggaaa agcgaaccca 240
 aaaagtactt ttccacctc 259

<210> 25755
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905726H1
 <400> 25755

cacacacaac tcgcatctca gtcagcatgt ctttaatttac ttgggtgtcaa cggtgccaac 60
 aaagaatctc cgggtgcaaa ttctaggcta cctggccacc attgtagccg gttcagtcct 120
 cgccggggag ctatcgctca tgtctgctat tgcagctgga caaccttgtt aagagccaca 180
 tgaaatacaa cagatctagc agggatatat ctacaactgt ccaatgaact ggccacagta 240
 cacttaaact tgtgtcagag 260

<210> 25756
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905727H1
 <400> 25756

ccacaccccc ctagctacag agcagccacc aggggacgaa taataataag cctatattct 60
 aaggccggaa aaatacaaaa ggaataacac caatgtctgg aaaggtaatt atctcggtg 120
 tttctctcat cctgggtggtt ggagtggcca taggtgtggt ggtggccgctc aacaacaagg 180
 gcgaggatcc cacacttcaa tctcaacaaa aatcagtagg gggttatctgc caaaacactg 240
 atgaccagaa gctctgccac g 261

<210> 25757
 <211> 267
 <212> DNA

<213> Glycine max

<223> Clone ID: 700905728H1

<400> 25757

aaaaatctct acagaaatcc accacaccac caaaccacca accaaccata tggaggtgct 60
aagggtgcaa accatagctt ccaaatccaa agatgctgcc atcccagcca tgtttgtag 120
ggcagagaca gagcaaccag gcatcacaac cgttcaaggg gtgaaccttg aggtgccaat 180
tattgatttt agtgaccag atgaaggga agtggtgcat gagattttgg aggcaagtag 240
ggactggggc atgttccaaa ttgtgaa 267

<210> 25758

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700905729H1

<400> 25758

actttggttc cctccaatt ttatccctcc cctcactag cactcaccac atttcttcat 60
catcacaac tccaccacca actcctctc cacaatctca gcctccaact tcgtctccac 120
agcagctaag aacaacaaat ttgaatgatg aatcaatgca agtgtgcact gaagctaagc 180
aacagaagcc catcaaacca tccactaagg ttgaatccac agattggata gccacttctt 240
tgaccagaag gtttgga 258

<210> 25759

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700905730H1

<400> 25759

cgagcaaac tgaaagcaaa ggctaactcg gagggaaca caaccacaat ctcatcggtc 60
caatcattat cggcacttgt ttggagatgc ataactcgtg cgcggcgctt gccgtatgat 120
caaagaacaa gttgcaagtt gtccgcaaac aacagaacaa gaatggaacc accactgcct 180
caggagtact ttggaaactc aatttatata ctgaatgcag gaaccgccac ctgaggga 240

ttgcttgaga atggtat

257

<210> 25760

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700905731H1

<400> 25760

atcttttcatt accaactgtca caaccacaac ccctttgtat tctattccaa ttacaaatgc 60

ccctgtttctc tgtgtctctg tttattctca tttcacaact catcaatccc ctctctctct 120

ctccacacg caaaaccta gcatggctca gaaggccac aaaaacgaca ctgagtttaa 180

gggtcccgaa cccatcatca acccctgcac caccaccacc accaccacca cctcgatttc 240

cgaaccttct agattcttcg a 261

<210> 25761

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905732H1

<400> 25761

cgatctctat ccaagggatt tggcttgtat tatttagctt cgttttgaag agttcattta 60

attttcacaa aattttgaag cagcaccacc actttttgtt ctactacca tttcatggaa 120

gagaagtaga aaggggaatg ctttttgtcc aagttggaaa aaaaaattat atttttgaat 180

atttctttgc tcaatttcat tctctacatg caatgggata taaactacgt gtgataccct 240

gttctgcccc accaccatca tttta 265

<210> 25762

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700905735H1

<400> 25762

gtttgcagtc actgctttgt ttagatcaga accagatcgt gttctgttct tccattggca 60

aacatggcaa ctcaaagag caagaagaga aagtttgagg cggatggagt gttcttcgcc 120
 gaactgaacg aggttctgac acgtgagttg gcggaggacg gttactccgg cgtggagggtt 180
 agggttacgc cgatgcgcac cgagattatc atcagagcca ccagaaccca agccgttctc 240
 ggtgagaagg gaagga 256

<210> 25763
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905737H1

<400> 25763

caatcccaca cgcttcttac tcattctata acttttctgc tccccgttga gaaagatttg 60
 aatccacagg aaaaataacg ctaatggctc caagagacag ccgagccacc gcgctcattg 120
 ggccccggccc aagcctatca ccggcccaca aagagatccg ctacagaggc gtcaggaaac 180
 gcccttgggg ccgctacgcc gccgagatcc gcgatccgg caagaaaacc cgcgtctggc 240
 tcggcacttt cgaca 255

<210> 25764
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905738H1

<400> 25764

tccatccgtt cttcatgttc tacttctatc tccctaccat actcattcaa acagacatga 60
 aaattatgga atcattagct cttatccttc tacagtactc ttgttttagc tacgatttca 120
 gttccagcaa ctaactccag aatcatccat caaaaaaaca atgccaatct gattgaagaa 180
 acttgcaagc agacaccca tcacgacctt tgcattcaat acctctctc cgaccctcgc 240
 agcaccgaag cagatgt 257

<210> 25765
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905739H1

<400> 25765

gacggagcaa ataaagcaca gaatagttga agtgaatggc ataaaaatgc atgttgacaga 60
 gaaaggagag ggtccagtgg tgttgttcct ccacggcttc cctgagctct ggtactcatg 120
 gcgccaccag attctctctc tcagctccct cggctaccgc gccgtcgtc ccgatctccg 180
 tggctacggt gacaccgagg caccaccttc aatcagcagc tacaactgct tccacatagt 240
 gggatgatctc gttgcg 256

<210> 25766

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905740H1

<400> 25766

attccaatca tgatgatgaa catactttta aggagttcaa ctgagtgag tggacatctg 60
 aaaatccgcc caagattctt gtaccaattg ccaatgggtc agaggaaatg gaagctgtta 120
 ttatcattga tattctgcca agagcaaagg caaagggtgt ggttgcatct gttgaagata 180
 aactagagat tgtggcatcg cgcaaagtta aactggaggc agacatgctc cttgatgaag 240
 caaccaaact ttca 254

<210> 25767

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700905742H1

<400> 25767

cagaaacttc ttgggattgc atttgtggtg taaatcagga tgcattcaat ataagtgtat 60
 atttttgaga gatttctcta tctcgaaat agcatctctt atttttttca caagtgcgg 120
 cgaagggtgc actctggtcc cagtgcattt gtctgtgaac agatctgata tgataaagtg 180
 gctgctgtag gatgactgtt gaagcatgat gcctacaatt tggagacaaa ggactgctac 240
 ttacagtttg ttttttgg 258

0953113.032200

<210> 25768
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700905743H1

<400> 25768

actctgatac aaaaacaaca agaactaaac acccttctgt ttgtgtatgc aaagtgtcaa 60
acttttccac ctcaaccacc cccacaccca ccttgctgca aagttgcata tcaaaaactt 120
tgcattggggg gctgattctt gcagcttccg ttgtaaatgg tggagctgcc acagctttta 180
cgtacgatga agccttgga caacctttga gcctccctgg tgctggggac tttgatgtga 240
acggttttgt ggagag 256

<210> 25769
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700905745H1

<400> 25769

agcgcaccaa cagccaagac tctgacttac ctggcccagg agaaaacccc agaatcgagc 60
ttcgttcggg acgacgagga gcgtcccaag gttgcctaca acgaattcag cgacgagatc 120
ccagtgtatt ctcttgccgg aatcgacgag gtggatggac gcagaagaga gatttgtgag 180
aagatcgtgg aggcttgca gaattggggg atatccagg ttgttgatca cgggtgtggat 240
caacaactcg tggccg 256

<210> 25770
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700905746H1

<400> 25770

tgaaagcaaa gcacccacc gcgtcttttg cctaaccgac tcaactcccat ggaatccac 60
acacacgacg ccgtttttcc cgacaaagat ctgcacgacg acgacgaaac tccagaggat 120

gaagaggagg aggaggacga cgacgtctta gatgacgatg aaaccgaacc cctccctcc 180
 gtcacgcgcg tcgcgcgcgc cgcttcccaa acgctcgaca ccgcgttaat tccgatctcc 240
 tccgtcgcgg att 253

<210> 25771
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905748H1
 <400> 25771

taaggtaaac caagattgaa gccgccctta ccagccaatg ctgggttgta tggatgtcct 60
 acccactgtc acaaagtgtg aaactgttgc tgtttctcca accattctaa ggcgtgggcc 120
 tgaatggttt gccagttttg gtaggaagaa caatgctggg acaaagttgt tttgtgtgtc 180
 ggggcacgtg aacaagcctt gcactgttga ggaggaaatg agtactccac tgaaggagtt 240
 gatagagagg ca 252

<210> 25772
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905749H1
 <400> 25772

atggatttaa cccaagtcc atatcaatct atatatatatt gcagaatattc attgttttgt 60
 tcaactatcc ttatctgtta tatctacca cctaagttta ttatcactca aaaccacaa 120
 gctagcaagc taccttgcaa agcaacacat ggcttctaca gacaagcatg gcgacactga 180
 atacagaaca tcattctcaa ctccagctcc tgcgggtgtt gattacttta aatttgatgt 240
 catcctaagg tttgtgttat t 261

<210> 25773
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905750H1

<400> 25773

tactattctc ctcattgctt cttttttaa cctagctcca tctccctcca ctcaccatac 60
caccacaacc acaagccaat gctgccaaca ccaacttctg tgtaaatggt agcaacaatg 120
gctacattag tgctaatac ccttgaact ggggtgcggc ggcgagggt atggctggga 180
gccacctcga cgaggtaag cgcatgctag aggagtaccg gagggccgct gtcaagctcg 240
gtggagagac cctg 254

<210> 25774

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700905751H1

<400> 25774

gaacctcgat ggacagcgtg atcaaagcgt tcaacatgag cgacaggctg acggtggaac 60
acggcaacag cagcgccgga atgaagatgg ctctggagga ttgcaaggac ttgttgagc 120
ccgccatcca cgacctagag gcctcaggcg tgttggtcaa agagagcagc ctacaggacg 180
tgcaccagcg caccgcccag ctcaagaact ggttgggagc cgttggtgcc taccagcaat 240
cgtgcctgga cggct 255

<210> 25775

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905752H1

<400> 25775

atcaactcaa gtaaggattt tgtctttgag aaaatcgtat cttacacca ccagcaaaca 60
ctttgagtga gagaagagaa attaagagag atactcaaat tagattcaaa agagatggcc 120
atcaaccatg aaacttgggc tttcattttc ggtcttctag gcaacgtgat ctcatttatg 180
gtgttcctcg ctccattacc aaattcccac tacatctaca agaaaaaatc tacggatggg 240
tttcaatcac tacc 254

<210> 25776

<211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905756H1

<400> 25776

gaaagataaa gcattccata gcctcccatc aaaaatcgaa gaatactatc ttctctgctc 60
 tctttctact ttgtgccttc accacctcat acctaccttc aaccaccgcg gtggctcgata 120
 ccgacgggtga tattcttcag aatcctggca catactttat cttgtccggt tttcgacccg 180
 gcggcggagt agaattcgcc gccactggaa acgaaacttg ccctctcact gtcgtgcaga 240
 ctcttcggga ggg 253

<210> 25777
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905722H1

<400> 25777

ctccgccttg gccaaatccc tcagctcttg ttgtttgatt gagatgacga tggcggttgtt 60
 agcgggtcag agctccattt ccgcgcttcc atttgtaaac ccaacttcct tgagcttcaa 120
 acctctcgcc tttaacaaat ccctagctct cccttcagca cagaggccaa cttcgctgag 180
 gctgaaatgc aagatggaga ccaacggcaa cattctgcag gggaacactc gcacggtgac 240
 gacgctgatg gg 252

<210> 25778
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905677H1

<400> 25778

tttcttcctc agtagtgtca tttacgcttc tcttctctgc agcaactatg cctaacccta 60
 aggtcttctt cgacatgacc atcggcggtc aatctgctgg ccgcatcgtg atggagctct 120
 acgccgacgt cactccccgc accgccgaga acttcgcgc gctttgcacc ggcgagaagg 180

gcgtagggcg gagcggcaag cccctccact acaagggctc gtccttcac cgcgatgcc 240
cgagtttca 249

<210> 25779
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700905679H1

<400> 25779

attattgtaa actaataggg atgaaaaaat cttaacttgt acccctttat tggcagctga 60
agtatccagc accaggggct ccacacttcg tacggcttct gaaggagcta ctcttaggat 120
caggggtttag ccatgtggat gaagataaga aacgtgggct tgaccatggg gcatgggtgc 180
cactcttggt gatgtacca gaggcagaca tccagtggt tcaactctct atttcatcaa 240
a 241

<210> 25780
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700905681H1

<400> 25780

gcggattcat cttcgggtcat tttattttgt ataataaaag aaagataata aagagaataa 60
tcatattaaa tattaaatag aaaaaatggc ccgatcattt atcaaaggcc aatcttcggt 120
agaagagaag gttcctttgg aaaacttatt tctatttcag tataccgggt ctctttcttt 180
catttcaaaa aatttataga atttcgattt tgaaatgaaa gaaaagtgtg gggataaata 240
ta 242

<210> 25781
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700905682H1

<400> 25781

gtaagttcga attgcggaag caccattcac gataaatcat gttctagttt ttatcgagga 60
ataaaggcaa gctctatttg gagtcaagtg aaacatctat cttcctgtcc aagttctttg 120
aataaaagtc tgaatgtgtc atctctgcac tacaatattt gtgattctga ccaagttggt 180
tctatttatt tgatggccat cttgcacgtc ctgatcttat tgtgttcaag tgacagacaa 240
atc 243

<210> 25782
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700905684H1

<400> 25782

aaacaaacaa acaaacacaaa tgtcttctcc aagcaagcgg cgagaaatgg acttgatgaa 60
actgatgatg agtgactaca aggtggagat gattaatgat ggaatgcaag agttttatgt 120
gcatttccat ggacccaatg agagtcctta tcatggaggt gtatggaaag taagagttga 180
gctgccagat gcttatcctt ataaatctcc ttccataggc tttatcaata agatctatca 240

<210> 25783
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700905685H1

<400> 25783

taagaactct actcagtaga gagcaccctc atatggcaga gaaatatgaa cgctttctgc 60
ttgaatctta cattgaagac aataagagag ttaaattggtg cccagacaca cctcattgtg 120
ggaatgcaat acgggtcgag gatgatgaac tgtgtgaggt agaattgttca tgtggtgtac 180
aattttgttt tagttgtttg tcagaagcac actccccttg ttcattgtctg atgtgggagc 240

<210> 25784
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700905686H1

<400> 25784

aagaaaactc aagctcccag attctgttcc aatgcctccc gtaccacttt ccccatcaa 60
 agttgggcac attgatgatg tccaagagct aagaaaaacc aagccaagga caattcctca 120
 aagatttgta cgagacttga tagaaagacc aacactcact acacctcttc cccaccaca 180
 tagtgactg ccagtcattg atttctctaa gcttagcaaa gggaacaaag aggaagtcct 240
 c 241

<210> 25785

<211> 175

<212> DNA

<213> Glycine max

<223> Clone ID: 700905687H1

<400> 25785

tgacgacata gcgtatggc atgaagagtt tttcttttcg gtttctccat tgggtttggg 60
 tagatagaaa ttttagttt ggtcctgatc acaggaattt attatactgt attgttttac 120
 agtccaaagc agtccggaat cgtcccaatg caatgcttac agatttatta ccgct 175

<210> 25786

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700905689H1

<400> 25786

gcttgaggac ttggtttttag agtccaaac cttcagatcc acctcattcg tctccagatc 60
 ttccttcctt gataacgttt tcgggttcga gaaggcactt gtttgtttgt cgtacgaaat 120
 ggagactaaa ccgagttcgg tgatggttac gctcagttac ggcgcgttga cgtgcgccgc 180
 ggaagttctc gcgactttgc tagcttctgc tgtcgtcaaa gccacgcttt tggccccgga 240

<210> 25787

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700905691H1

002220"ETTE560

<400> 25787

gtcccagcat attgaaaatg atgggggtttc tggggaagaa tctgaagtgg cagatgtttc 60
aattgataag gatgttgata agattggggag tgagggtact tctggagctg gccaaactcc 120
agtggggaat gtactaaaga aattctccaa gactcgagct tcaatccctg agtggcagta 180
ttccacaaga aaaatagata atgatgaaaa gttccttggt agtttgatga gagaaaa 237

<210> 25788

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700905692H1

<400> 25788

atcatcatca ttcattagct gggcggtttg aaaaggctaa attctaataa caccaacgtc 60
ttcatcttgt aagctccgtc tcttgacaaa atcaacgtcc catttatgca agctttgatt 120
aaccattttc attccctttt tccttcgcac tactccctca ttctgtgcca tgtcttcctc 180
tctcgttctt ccttcactc ccttcttcgc caatggaaca agaaccctcc ctctcactcg 240
atct 244

<210> 25789

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700905693H1

<400> 25789

tcagaattct gctcgttgct ctacgcacta tagtctttgt tttcatttac taccatattt 60
agttatcagc aatggacttc tactttggaa actctcctcc ttatcccaat aattatgctc 120
ataattctct taatatggct ctatcttccc ctgagattgc actatccgat tatctcatgc 180
tcgatgacta tgttgatcat caagattctc gatcatcaca aagcaccgag tcacttgaaa 240
aagcaacctt caatgatgcc 260

<210> 25790

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700905694H1

<400> 25790

gcacgtatac tttgctctgc tccttactcc aaagtgcccc tctctcgcgc ttcgtctttc 60
accaccgtac aatttttccg cagcttcaac gcaacctgat cgagacaatt ccagcattca 120
ctccgctagc gtctttcact cataaaattt ggaacgtttc gtgaaactcc caaaccagaa 180
gccgaagttt ccaagtgaat atggacggta cgtttgacga tgaagctgaa ccggccg 237

<210> 25791

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700905695H1

<400> 25791

cccaaattca ttttaatcct aattctgcac ttcttgatca ttcgattttt ctctcaaga 60
tgcagatatt cgtaaaaact ttgaccggca agaccatcac ccttgagggtg gaatcctccg 120
acaccattga caacgtaaaa gctaagattc aagacaagga agggatccca cctgaccagc 180
agagacttat ctttgccgggt aaacaacttg aggatgggtc cacccttgcc gattacaa 238

<210> 25792

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700905696H1

<400> 25792

ctcacataac actgtttatc gatgatgctc tgaactcttt atctatatat gcctctctga 60
tgccgatggg tgccctcagt tttccggcaa gcttcaaact tcccttcgcc ggccccgatt 120
ttgatcactt ttccggtatg aatcgtttgc gacacccctt ttgttgattt agaaatgcta 180
gatctattcg tcgcatcaca cgttcgatcc aaaacctggt tccacaagag g 231

<210> 25793

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905701H1

<400> 25793

ccacaaccac tcttaatttc tctgtgcatt gctcatttac acacgtgtcc aacctttcac 60
 tttcagcttt atttgaatcc ctctctctcc ttccaaatg gccagcgttg agctttctta 120
 agcttggcac gagactttgt taaatgcaat tagcaatctc ccaggttgca catcaaacac 180
 caacaacagt tccagaaaat gaaacaaccg cggtaatcaa gaccaggaa acaaccccg 240
 aaccagtacc agccactgag gctcc 265

<210> 25794

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700905704H1

<400> 25794

atgagttgag agtattgtgt tggtcacctg ctaacgtaac aagtaagctc cagcactgta 60
 tttcattatc tttcctttga tccatggaag cctgtgatct catgtgatag ttggtgtgct 120
 gcataggcaa cgcttttctaa cgtgtcttct aagggtggtat cactgctcca cggttgccga 180
 atccagctc ttgcttcttt ctcttccaa gatatccttt gattcaactt tggatcttca 240
 cctctgattt cctttcatcg tt 262

<210> 25795

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700905711H1

<400> 25795

acaaccacaa caaagggacc aaaaaagtat ccactttccc ttcttcttct tccatttggg 60
 ttttctcaaa agtgaaaagc aaattccgtg acttccacaa tcaccactcg catcaaactc 120
 ttgagtgata gactttgaat gaaatcttgt ttttcattaa cgagattcaa ttgaagtgaa 180
 gtgattattc actggaaaac ttatttttca tagtattgga ggtacaactg aagctgttag 240

atttgtttta actacacgag

260

<210> 25796
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700905712H1

<400> 25796

cagcaacaag tgcactttct ttgtccagtc aagctgctgc tggtagta acatcccca 60
ggcaagcggc tgtagccaa agcaagaggc acaggctgat aaatgagatg gaaaccgagt 120
cataccctct cacagaggtc actgcaacgt ggatcagctt ctagtggtag aaacaacaga 180
attaaagtcc atttgccaca gagggaaatca agaactggaa gcggtggggg cagcagcacc 240
agggagcaac agcaggaaga t 261

<210> 25797
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700905713H1

<400> 25797

tagttaagac cgctgggctt ctaggtgatg gatttgggtc cacgcctgaa atgtgtaaga 60
agaacctgat atgggtggtg actaagatgc aggttgtggt tgataaatat cctacatggg 120
gtgatgttgt tcaagtagac acgtgggttt ctgcatcagg gaagaatggt atgcgtcgtg 180
attggattgt gcgtgacgcc aaaactggtg aaatcttgac aagagcctcc agtgtttggg 240
tcatgatgaa taaagtgac 259

<210> 25798
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700905715H1

<400> 25798

agctagaagc aataagatga caatgaaagt gcttgttttg tttgttgcta cagttttggt 60

agcatatgaa tgccatggct cagactacca gaagttccct ctccaaatga aaactggggtt 120
 tggtgggcaa tacagcaatg aggtggcatg tgccagttgg aggcttggcg tggaagcaaa 180
 caacgtagtc aagtggcaaa ctgttcctgc agcttgcgga gagtacatag ctgactacgt 240
 tctaggagac caat 254

<210> 25799
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905717H1

<400> 25799
 aggtagggtg tgtaagaact gtggggtgag ggaaccagtg gtgttggtgt tgccatgcag 60
 gcatctttgc ctttgacaaa tgtgtgggac caccgataag gaattgccct atttgtgact 120
 ctggcatgga tgctagtgtg catgttaatc tctcttagta caacttttgt ttttttttac 180
 ataggttttt attgtagagt ttacaacaac agaaactaga aagaaaaaaa acatcttgtc 240
 gaaaagacag atagaagaaa 260

<210> 25800
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905718H1

<400> 25800
 aagatggctg gtattaagag aagattatgt agtgattcag atattcatgc ttttcacaaa 60
 gaattggaca gcagttcatg tcctatctgc atggaccatc cacataatgc tgttctactc 120
 ctttgagct ctcattgacaa cggctgcaga tcttacattt gtgatacaag ttatagacat 180
 tcaaattgcc tggaccgatt caaaaaaatg agggccaatt ctaaggagaa ccacaattta 240
 cccagttctt tagtagaca 259

<210> 25801
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905719H1

<400> 25801

cacgtgtgca agattgccta ccagctcctt ccaatgtagt ggtgcttacc atctgaaaat 60
 tttaatgagg ttgtcttaga tgaaaccaa gatgtcttgg ttgagtttta tgcaccctgg 120
 tgtggacatt gcaaaagtct tgctcctact tacgagaaag ttgccacagc atttaaattg 180
 gaggaagatg tagtaattgc aaatctggat gctgataaat ataaggatct ggctgaaaag 240
 tatgatgtga gtggacttcc tacctt 266

<210> 25802

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700905721H1

<400> 25802

agtttctttt cgtgaaacaa aagaccacaa cagattaggt tttgtgatgt cgggcatgga 60
 gaggcttcag aggatgttcg cagggtgcagg tggagcgctg ggccatcccc caccggattc 120
 cccaccctc gattcctccg agcaggtcta catctcctcc ctgcgccttc tcacaatgct 180
 cccacacgga agagctgggg taccatgga agtgatgggt ctgatgttgg gggagctcgt 240
 ggatgagtac accgttcgcg 260

<210> 25803

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700905675H1

<400> 25803

gtccaaaacg gtatcgatt ttaaataaaa cgtaataaat gaggtgtaag aaacacttac 60
 cggacctcac cagcaccatc ggcgtgtgcg cttcgtgcct ccgcgaacgc ctccagcctc 120
 tcctcgcagc ccaggcccaa gcccaggccc aatcagaacg ttccaccacc aattccaatc 180
 cggataataa tcatcgtcga agaaagccca agcccaagcc cgaagaaaac cctccgccgc 240
 tcaat 245

<210> 25804
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905629H1

<400> 25804

attcattcat tgatcaaact cccaaaacaa tggcttcttt caatctctct tattcttcct 60
 caccagccct ctacatcct cgggcgagca aacaattcaa attattcaat gatgtgcctt 120
 ttgtccgaat gaattctaaa tttccctcaa gtgacaatgc tattgggaga attaaagcta 180
 agttgatctc tggagggggg gatctacttt cctatccaaa tggcaatggc attgtgatag 240
 gtaaaaatct gggt 254

<210> 25805
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905630H1

<400> 25805

aggattctca aatactcaac tcattagccc ttatcttgcc cttattcctc ttcattgattc 60
 tgatcctaaa actagggaga aaactcaaga gatctgaatt gtctctaaac atataccgag 120
 gaccatggaa actgcctatt ataggaaatt tacaccagct tgttacatcg acaccacacc 180
 gaaaattaag agacctggcc aaaatatacg gacccatgat gcatctccaa cttgggggaga 240
 tcttcacaa 249

<210> 25806
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905631H1

<400> 25806

ggagctcggt ggtgcaacgc tgaatgcttt ttttctttt tgtgtgatag attttgcaag 60
 ttgcgtgtgt gtgagagtga gtgagtgcag aagatgtggc cattgagcag aaaaggtct 120

tctggggttt catcatcatc cactgcagag caagtcactg aaggaattga tggaactggt 180
ctcactgccca ttgtcacagg ggcattccagt ggtattggaa ctgagacttc acgtgttctt 240
gctttgcg 248

<210> 25807
<211> 247
<212> DNA
<213> Glycine max.
<223> Clone ID: 700905633H1
<400> 25807

tgacacaagt catcattaac tctatgccta ttcactcttt cctcagtttc tctatccatc 60
catctctttc atcactttcc tctatctatc tatatatata tatactctcc tctctctatt 120
ctcttttact actgttctgc aaaaaagcta ttttggccct gtgccaccaa agccatctcc 180
cccatTTTTg ctctctatc tcttttttct aatcatcaca attgggtgag aaaaaaacac 240
acacaca 247

<210> 25808
<211> 251
<212> DNA
<213> Glycine max
<223> Clone ID: 700905637H1
<400> 25808

ctctgggtag gtaaagatgg aagggtgctag tagagtctta tgcttgtttc tggcggcatt 60
tttgtgggtt aatgctcaac atgcttttgt aagttgtgct ttgacatttg agttgcaaag 120
caaaattgct aaagccaacc aagagggacc ttacctaggt ttaatcatac caaattcttt 180
tgaactagac cctcttcttc agaatcctgg ctacacagct agtgacacca tcatagactt 240
cgctggaagg a 251

<210> 25809
<211> 246
<212> DNA
<213> Glycine max
<223> Clone ID: 700905641H1

<400> 25809

tagttatcta ctcttttctg catgtttgtt ctctcaacga ctctccgcg aaagagtatt 60
 attcaatatt ttggttgggt tgaatcccgg ggttgaagcg ttgcagacat cacggctatt 120
 ctaagagtgt ctgcgtccct cattcatgtc cgatctgtac gacggaggac gggtagttgc 180
 gtaactgccg ttaacccttc gccgcacggt gggcgtgggt ctttgccttc tgaagggtgg 240
 agccct 246

<210> 25810

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700905642H1

<400> 25810

attggttacg tacacatgcc aacttggaaac catttatatt ggcggctcat aggcaattaa 60
 gtgctatgca tccaattttc aagttgttgg acccccacat gaggtacacc ttggagatca 120
 atgccttggc tagacagagt ttgatcaatg ctgatggaat cattgaaaat tgctttactc 180
 ctggctgcta tgccatggag attagttctg ctgcctacaa gaacttttgg cgctttgaca 240
 tggatag 247

<210> 25811

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700905644H1

<400> 25811

atactgtttc taagcataat caaatcaacc atggctaccc tcattgctcc aatcaccttt 60
 tcgcctgggt tagatgcaga agctcttaga aaagcggtcc aaggatgggg gactgatgag 120
 atgaccgtta tagcaatatt tgttcacaca tatattcatc agaagcggca aatcatacag 180
 atttatgagg aaatttacca agaggacctc atcaaacgcc tagagtctga gctctctggt 240
 gactttgaga 250

<210> 25812

<211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905648H1

<400> 25812

atctatctct tgtttcaatt tcaacaacgg ttaccatt ttcgttttga gtttcaatca 60
 agccatcatc atgtctaccg catcgcaacc caaggccaag aaaacggcgt cgtccaagaa 120
 gcccctctcc caccctccct tcgccgtgat gatagcagag gcgattgcga gtctgaaaga 180
 gagaaccggt tcgagccaat acgcgataac caaatcatc gaagggaagc acaaggagtt 240
 gcctgcaa 248

<210> 25813
 <211> 89
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905650H1

<400> 25813

gggaaatcga aggaccacgc ctagccagca ttctttggaa ttgaattgtg attcgtgaag 60
 gaagggatag agacatgagc aacgttaac 89

<210> 25814
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905651H1

<400> 25814

ccggagcttc tctttatagc ggtaaaccct tgcggattc gccgcttct cttgtttacg 60
 ctgggaacgc gagtaactct tctgtagggt atctatgttt gcaagattct ctgattcctg 120
 agaaagtttc agggaaaatt gttatatgtg agagaggtgg gaatccgaga gtggaaaagg 180
 gtttggtggt taagcttgct ggaggtgctg gaatgatatt ggccaatagt gaagcctacg 240
 gagaag 246

<210> 25815

002220"EFFE560

<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700905652H1

<400> 25815

aagaagatgc aggatattta tggagcttct gggtactttt tggagaagga ttctgtgaaa 60
aaggagaaac atttgcaatc tttgaaattg actgaggtga ctgtaagtga ccagcttgaa 120
ggtttttcgag catcaaaaga gcatttcaaa ggattgagat tccccactat ttcttcagtt 180
ggctcaaatg cagctataat tcactatttt ccaaaggcag aaacatgtgc tgaacttgat 240
ccagaca 247

<210> 25816
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905653H1

<400> 25816

cggattcatt gcatcacgt caccaccact ttcacatca taaaacattt ttcataaaa 60
taaaatatat tcattcattc acacatcgta ataatactta tctatcattc tctctctttc 120
aatttttagac agaagactaa aagagtgaag agaacaaaca gagcaatgga aggaggagga 180
gctgctccgc cggccgacac cgtgatgtcc gacgcggcgc ctccgccgca gcaagcgatg 240
gctatgggga 250

<210> 25817
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700905658H1

<400> 25817

atccttcaga acaaggtaga cttgattcaa gaaaatgtcg caatcaatca gcatgaggca 60
atttcaaagt ttatacaagg aactgttgct gatgggtgcac cagtagtacc tatttcagca 120
cagttgaagt ataatttga tgttgtgtgc gaatatattg tgaagaagat cccaatccct 180

gaaaggaact ttgtttctcc acctaacatg attgttattc ggtcatttga tgtcaataaa 240
cctgggt 246

<210> 25818
<211> 128
<212> DNA
<213> Glycine max

<223> Clone ID: 700905659H1

<400> 25818

ctatgttccg ttttttctct gccgttatgg tcaatcctaa acctcacaaa ctcttctctt 60
ccctctctat ctcccttcc gccaccgctc cccgcgactt tcaatccctc aaattccaca 120
caacatac 128

<210> 25819
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700905661H1

<400> 25819

ccctcgagcg aatcggtctg agcgccgctg atgaggctgc acttcgtcgt gcctgtgctg 60
cgaaggttca catgtgcaat aagctagcta gtaggcatgt gagggttggt cttgcaagtc 120
caagtgatgt gccacggtgt gacatatgtg agaatgcacc agctttcttc tattgcgaga 180
cagatggaag ttccctttgt ttgcagtgtg atatgattgt tcatgttggt ggtaaaagaa 240
cgcatggaag a 251

<210> 25820
<211> 246
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905662H1

<400> 25820

acgaagtcga ntttctcaac tgcctaaccc gagcaagagc gccaaagaag gtcaaatac 60
aacttctggg atgtttttag atccaaagaa atcagactgg cattctcgt cggtgccgga 120

cttctggctt ttcagcagtt cacgggtatt aacacagtca tgtactacag cccgacaatt 180
 gtccaaatgg caggggtcca tgctaataaa ttggctcttc ttctatccct tatagttgcc 240
 ggcatg 246

<210> 25821
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905663H1
 <400> 25821

ctccagcact ttcttctact tcttcatcat cattgtcacc acaactcaca atggagatca 60
 agagtagaga gaggatacaa gtgtcaattg aaaaggtgag gagagacagc acagttgaag 120
 ttgaagatga agaagaggag gatgaaagtg tggttggtgg tgagggtggt cttgcagaag 180
 atgagaagaa gaaaggtggt ggagggagtg ggagaagagg gtcaagtgga gtttctccac 240
 cttct 245

<210> 25822
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905664H1
 <400> 25822

tactcgagcg aattcggctc gagttaagct agagcttcat agttacttct tcttttctca 60
 gcttccttct ctcccttcag acaaagggac aaaaaatcag tgtgtgagag agagagagag 120
 aaattccaaa accatgtccc acagtcattt aagtttcgcc tttgggattc taggtaacat 180
 tgctctcttc gtgtgctttc tggcaccact accaacattt tatagagttt gtaagaagaa 240
 atcaaccga 249

<210> 25823
 <211> 158
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905666H1

<400> 25823
 attttcttca aaaacaatgg taggcgaggt ggtgaagaag gaagactctc tcaacctgag 60
 agtcactaac aagagtcatg ttcaacctga ggagaaaatt ggaaggaacg agtaccagct 120
 ggtcactttt gatcttcctt acttggcctt ctactaga 158

<210> 25824
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905667H1

<400> 25824
 ataaaaggtt agagaatggt gttgtaattt ggtctagtta acttggtggc tcgctgacgt 60
 cacgtgggta agttgagaaa caacaacaga gacacgggtg tgtactcacg gaatgaattg 120
 gaatcggatc gtgtcgtagc caccgctcct acctggcgcc gtctttcact ttctgcttct 180
 cccatctccc actaaacaac catggacctg gatcctcgcc aatacgaaaa ctttgctgta 240
 aatgat 246

<210> 25825
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905668H1

<400> 25825
 gaagacttca ttttcttctg catttctccg ttaaagaaaa agcaagaaca aaattaaatt 60
 tactatatttg tgtgtgacac tgtgtcttat ttatgctctt tctgtatttt ctttctacat 120
 ctatattcta aaccttcctt ttcttttctg tctgctactg cgttttcatt tattgatgtc 180
 cttcttttgt tttatttgcc aagatgattt tctgattggg ttttgatggt acaaggaaat 240
 ctggg 245

<210> 25826
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905670H1

<400> 25826

ggtcgttatt gcaggaactt aagagtcttg ttttagagg aaagctcact tgttgagaat 60
gatggtgact ggctccatga gcttgctttg aataatacag ttcttgagac actgaatttt 120
tacttgactg atattgccaa cgtcagaatc caggaccttg aacttatagc cagaaattgc 180
cccaacttaa actctgtgaa aattactgat tgtgaagtat tagatctggt gaacttcttt 240
cgata 245

<210> 25827

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700905671H1

<400> 25827

taagaaggca gctgcagctg ctgttgctgc taagcttgct gcctctacat cctctgccct 60
tatgcttaca tctgttcttt cttcccttgt tgcagaagaa gctgcctcca tgaatggtag 120
cttaaactct actgggttta cttcagggtt acctgttttc cgtccagaga aaagacaaaa 180
acttgaaaaa caaatgcatg cttctgagtt taacagtact gatatgggga gctcttcttt 240
tctgg 245

<210> 25828

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905628H1

<400> 25828

cgttagggca ctcaacattt tacactcttt tcttcttctc gttgttgctt cggtgttgaa 60
tcatggatca gaaagtcgat ttcagtgtct cgcattccat gggaaccact atcatcggcg 120
ttacttacia cggcgggtgtc gttctcggag ccgactctcg aaccagcact ggagtgtatg 180
ttgccaaccg agcatcggac aaaatcacac agctcactga taatgtttac gtgtgtcgct 240
ctggatcggc tgc 253

<210> 25829
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905673H1

<400> 25829

ggactcactg tgcgtggaa ccttttgtaa ttgcaacaca taggcaactt agttccatgc 60
 atccaattta tagattatta catcctcatt tgagatatac catgcagatt aattcccttg 120
 cacgtgaggc acttattagt gcaaattgggg tcattgaaat ttcattcctt actaataaat 180
 attcaatgga attaagctct gtggcatacg atcaactttg gcaatttgat tcgcaagcac 240
 ttc 243

<210> 25830
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905674H1

<400> 25830

gagcttttagt tcattctaagt tttgaaagtt ttgtgcttgt ttccatttga agtttctgtg 60
 gcagcagggt agctgtgtga agcagctctt catcaaaactc tcaaatacaca actaaacaaa 120
 caaatcaaat acaccaccaa gtatcagatc attgggggttg tatgccctgc attactctct 180
 tttttattgc gtttataact tattcttttg tgcattgtga atttgtgggt tttaagattc 240
 tcctct 246

<210> 25831
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905593H1

<400> 25831

gcaaagctgc ctttgtatgc tttcaagaag gctaattggaa aggatttggc cctgcatgca 60
 tgcgcggggg agcctccctt cacattcctc gactcacttc ttctgggaga gtgggaagat 120

cgcatgcaga gaggactttt tcgctatgat gttaccgcct gtgaaaccaa ggtgattcct 180
 ggtgaatatg gtttcgttgc ccagcttaat gagggtcgtc acctcaataa gagaccaact 240
 gagttccgag ttgacaaggt 260

<210> 25832
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905594H1
 <400> 25832

aatgtgggga aaagcaaccg aagagaatgt gggggaagat gtccttgcc agcaatcacc 60
 aaccacagaa aacgttctc tcttgcaaag ctgtaaaact gatacagctg agaagaaaat 120
 gcatggaagt gtataaatga caaacaaaac tgttcataaa tcttaacatt attgaaatta 180
 cacgaaatag caaagaaaag catggttttg ttatccccc aagtgaccat gcaacgcaa 240
 tagcaaagta ggtaccact cct 263

<210> 25833
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905595H1
 <400> 25833

gtgactgtga caactttcat cggcacttgt caacttttta ctgatgatga tgatgataaa 60
 tacatgtttg taattgagag gagagaaaaa aaaatcctat agatactggg ttgttgtttt 120
 tgttatgtta gagatgctag aaaggggcat attgatgtct gtgcagacaa tgaatcacc 180
 tccatttctt actggtgatg cctttagaaa gaggactcag actcggtgca gatggagagc 240
 aaattcaagc acagctt 257

<210> 25834
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905596H1

<210> 25837
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905605H1

 <400> 25837

 ggcttcttct atgttagtta ctgtcagtgc gaagttggcg gcttctatat tggttactgt 60
 ctatctcagg tcagtttcgg catttaatat ctcaagtttg gagaattcac tgttgaacag 120
 aatgatgtat gatcaacttt gaacaatatt tgagtacact taatggtagg aagaatccta 180
 ttacttctta ataattatat gaactttact cttttgtgtg ggaagttatt taacagaagt 240
 tgacttgttc aaaaa 255

<210> 25838
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905607H1

 <400> 25838

 cttcgctctg attcttatct cacactgaac tctcttgcta atcgagtttc tcaactctgaa 60
 aaaaccttca acgatggccg ctgaaacgat tccgtaccag aatggcgctg ttgccaaactc 120
 caacgactcc tccgccacgg tcaagagatc gatggatagc gaccgtcgcc gccgccgctg 180
 gaagcagaag aagagctaca ggactctgag gctccggttc ctaactccgc tgaagatagt 240
 gatgatgcga aa 252

<210> 25839
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905609H1

 <400> 25839

 gcgatcagag cctctgatgc agttgttttg tatgaatctg ctcccttatt gtcgcttgca 60
 gataaagttt ttctgtgta gatatctaac tgaaacagtt ggtgtgataa tgccgcctag 120
 aatcagagaa atgggcatca agtgtttgac tgtgactgct ctgcaacagc accgagccca 180

002220-ETFE560

atccattctc gagcatttgg aaggagagga ttggatgtct gaactggcta ggcttgaggc 240
cagttgtctt tc 252

<210> 25840
<211> 91
<212> DNA
<213> Glycine max
<223> Clone ID: 700905610H1
<400> 25840

aagaaaaaaaa aaatggaaaa gaaacaagat tgagaattgg ggtttgaaga agccggtggt 60
gtctccttgc ttgttctcga tcgatcttgc g 91

<210> 25841
<211> 252
<212> DNA
<213> Glycine max
<223> Clone ID: 700905612H1
<400> 25841

cccatttctc atgaacgcag ctctgttctc tcattctcaa cccacacaac accgtgacac 60
cgtcgctcct gcaagggtgc cgcgccgcac cgtcatctga cgggtgaacc tgtctcaatc 120
tggtatcctt accgtcgccg tcacggaggc tgctggaaca gcgaccaacg gctcccttt 180
ctgaacggcg aggtaatcta ctgtctgttt gaggtgttaa atagcatgtg ggtgtctatt 240
gatcattttc ct 252

<210> 25842
<211> 256
<212> DNA
<213> Glycine max
<223> Clone ID: 700905613H1
<400> 25842

cttgattctg ttgttatttg catttgaagc tgtttgcttg gggagtacat atttgtttgc 60
tcagagacaa atgaaaaaaaa aaatgtaaaa caagattggtt acatgcatgt ggatgtaaaa 120
aatgctgcta catattgctt gaaattttac aataaggaaa caaaaaaat ttgaaatgca 180

atatgtaaaa atcaagtctt gtatacagtg agtgattatt gacgaataaa gcctgctaaa 240
 taatttaatt tttgtg 256

<210> 25843
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905614H1

<400> 25843

agcgtattaa cccttgatgat attagtgggg tgccaaagaa gagcagctgg gacatgattg 60
 tggatactac ttctcttgta aacaaggaat caaggaaagc tatgcagctt ttacaaggct 120
 tcaaaggagc tcggttaatc attccaagat tggatcatagg ggaacttgaa cgtatgaaga 180
 agcagttcac aattttcaga agaatttcag aggtttcttt ggcattggaa tggattgaag 240
 aatgtatggg gaag 254

<210> 25844
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905615H1

<400> 25844

ccgagaaagt tcattcgcat tgcccatctg tgcttgogta tctgttgatc ccgctctgat 60
 tctatccaat tctcacagc gtttatccct tggttctcaa atatgggctc agtttgaagt 120
 tgatgtgggc aaagtcaaaa tggattcaca tgtaatatga taaagacatc acctagccaa 180
 ctgggttttc tgaagggtgc aacatgttga tggacctttc cctttttgta gatcacttct 240
 acaatgaaa 249

<210> 25845
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905616H1

<400> 25845

cttaagagat caatatggcc accaccacta cccagcctcc ctctaataatc tgttttttcc 60
 ttctgttggt gcttctagca cactttcatt tgggcataag ccaacttgag ctgaattact 120
 actctaaaag ctgccccaaa gctgaagaga tcatcaagga acaagtcaca caactatata 180
 acaagcatgg aaacactgcc gtttcgtggg tcagaaatct cttccacgat tgcgtgggta 240
 agtcatg 247

<210> 25846
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905617H1

<400> 25846

tttttatttt atgctttttt ctccgatgtg actggcggtt gtttggtgtg ttttctgtgt 60
 gcgtcgaacc ctctgcgttc gttaattttg ttttgtgttt tcggatcgac ttgtttcgcg 120
 ttccggttgcg gggatcttcg gtttaggtaa atgagtggta aatgagtggg ttttgagcag 180
 aagcagttaa aagagaaagg gattcagcga agatgacatc ggttggtgtg gcaccaactt 240
 cggggttgag 250

<210> 25847
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905618H1

<400> 25847

ctctttgcca ttcttgtagg ttctgcttcc cttccgaggg ggtccttcaa cgtcatttga 60
 gggaccctcg tcctttaatt tagctattct tattcttatt aattaattta gccaaagaga 120
 ttatatatat atttatgtat aaaaccgaga gggattttgc cattgtttct gggtgaaaat 180
 gttgtttaga acaaagaatt cataaatatc atttccaaat ttcttccgcc acaagttctt 240
 ggaggttggt tat 253

<210> 25848
 <211> 251

<212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700905620H1

<400> 25848

tgctatctgc ttcctcgtag tacttcattg agagagacat ggacactgta ctaagtacta 60
 cgctgctact catgttggca tgctccatcg tgcattgttct tcgttcacta caagcaagaa 120
 tgagaagaaa atcaaaactac aatcttccac caggaccctc tctcancacc atcattagaa 180
 actctaaaca actctataaa cagccacagc agacaatggc caagcttgcc aaaacctatg 240
 gccccataat g 251

<210> 25849
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905621H1

<400> 25849

tgagtttctt gttaccatta ccaaccctct tgttgtgtca ctttgttgtg ttaatttatt 60
 ccctccaatc aaaggccgat gaatttgatt tcgatgagtc cttgttcaat gcaaaaaacg 120
 cttccagtgg cagaaaactt gcaggaagat gcaacttggt ccgtgggaaa tgggtttatg 180
 acccttcata ccctctctat gacccttcta catgtccctt catagatcca caattcaact 240
 gccaaaagta c 251

<210> 25850
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905622H1

<400> 25850

ttaattcggt aacaatttgc actcctttca atcattaaaa gatggcagat ggtgaggata 60
 tacaacctct tgtttgtgat aatggaactg gaatggtaa ggctggattt gctggagatg 120
 atgctccaag ggctgtgttc ctagcattg agggtcgtcc acgccacact ggtgtaatgg 180

ttggaatggg gcaaaaggac gcatatgttg gtgatgaggc tcaatccaag aggggtattt 240
 taacactgaa at 252

<210> 25851
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905623H1

<400> 25851

gcgaggcttt tgttctccct cctttccttg ttctctctcc gtctctcttc gtttctgggtg 60
 gacgtggacc ccacaccggc ggcggcactc ccacgttaac atacattaat catgtctggt 120
 caacagccgc catgtgccgc cccgctgcaa aacaccacaa tgggtggctgt tgacaaagac 180
 aaaaacagtg ttcattgcttt ccgttggggc gttaatcacc tcgacaacc catcatcatt 240
 gccgtccatg tc 252

<210> 25852
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905624H1

<400> 25852

tatttattag caccctcac attaccttgt gtcaccaact aatttgactc ctttaccata 60
 ccattacaat aattatcaaa cctaaccagt aaaaatgggtg accgtggagg aaatccgcaa 120
 cgctcagcgt tcccatggac ccgccaccat cttggccttc ggcaccgcca cgccgtccaa 180
 ctgcgtctcc caagccgatt accctgacta ctacttccac acaacatac 229

<210> 25853
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905625H1

<400> 25853

tcttcttctt ctttttcatt aatcatcacc agtgggttctt ttcttctga gaagatcgaa 60

ttgtgttttg caaaaatggg agttccagag aaagaccctc tttcccaatt gagtttgcct 120
 cctgggttttc ggttttaccc caccgacgag gagcttctcg ttcagtatct gtgccgcaag 180
 gtcgctggcc accatttctc tcttccaatc attgccgaaa ttgacttgta caagttcgac 240
 ccatgggt 248

<210> 25854
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905626H1
 <400> 25854

gcacctgat tgtgtgatgc tggtttatcc aagtggggtt ggtgggtttg atgtgaattg 60
 gaaggagtta agtgaagcta tattgggatt tgataagttg gactggaaag ggaagcctaa 120
 ttcccttagc aaagagcatg tgtgttggga agttatttat aggactgctg aggctgtgaa 180
 gaagcctttg acattggggg aaagattctt ggttgagcca tttcagagga gtggtgtttg 240
 tgggga 246

<210> 25855
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905627H1
 <400> 25855

cagaacacaa actttattgg ttctgatctg aaccacacac tcatccatca catagtatca 60
 tagcctctca ataattcaat tgactcattc ctggaaacct gtgtggtgaa tctcaaccgc 120
 acacatcatg ctaccttata atctttatta accgttcatt tcctagccag tttcacacac 180
 cccactgaac tcaactcactg gaagccttgt tgtgagtaag ggaaaggctt cctgcactga 240
 gcaccaagtt g 251

<210> 25856
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905590H1

<400> 25856

aagatagtag aagatggcag acactgagga tattcaacct cttgtttgtg acaatggaac 60
 aggaatgggtt aaggctggat ttgctggaga tgatgcccc agtgctgtgt ttcccagcat 120
 ttaggtcgt cctcgtcaca ctggtgtgat ggttggcatg ggccaaaag atgcatatgt 180
 tggatgatgag gcacaatcta agaggggtat ttgactctc aagtacccca ttgaacatgg 240
 aattgtgagc aattggga 258

<210> 25857

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905549H1

<400> 25857

cgctctcgtc accggcgctg cggcttcgtc ggctcccacg tctccctctc gttaaaacga 60
 cgcgagacg gcgtcgtcgg actcgacaac ttcaacgact actacgatcg gtctctgaaa 120
 aaagcccga agtccctcct cgccaagcat gacgtcttca tcgtcgatgg cgacctcaac 180
 gacgccaagc tcttagcgaa gctcttcgat gtggtcgctt tcatccacgt tatgcacctc 240
 gcggcgacg ccgggggttcg ctacg 265

<210> 25858

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700905551H1

<400> 25858

cttcaacctc accaaaggaa ctaagaattt cattgaggct agagaaagtg gtgatcaata 60
 tgtcaaagaa tccaaaagtt ttctttgata ttctaattgg aaagatgaaa gctggacgag 120
 tagtgatgga gttgtttgcc gatgcaaccc caaaaacagc tgaaaacttc agggctctct 180
 gcactgggga aaaggggatt ggacgatctg ggaaaccttt acactacaaa ggttctgtat 240
 ttcacgtat tattccagaa 260

<210> 25859
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905555H1

 <400> 25859

 ggaactttct attcagctgc aagagacccc attttttatt ctcatcattc aaacattgat 60
 aggatgtggt ccatatggaa aacacttggg gggaaaagaa gggattttac tgattcagat 120
 tggttagaat ctgctgtgtc cttctacgat gtgaacaaga accttgtgcg tgtgaaggtc 180
 aaggattctc ttgacactag aagactacgg tgatattacc aagatgttga cattccatgg 240
 ttaaattcta acgccacg 258

<210> 25860
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905557H1

 <400> 25860

 ataataacaa caataacgca agtaatggaa attctaagag tagcttcagc ggtgaacttg 60
 tcctgaaga aaatttcttg ggtatatgca gtagagaatt attagccaga ggttgtgaac 120
 tcctcaaacg cacacgcaaa ggtgatcttc attggaaggt tgtatctgtg tatgtaaaca 180
 ggatgaatca gggttatattg aaaatgaaga gcaggcacgt tgctgggacc atcacaaaaa 240
 agacaaagaa tgtggtgctt ga 262

<210> 25861
 <211> 167
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905558H1

 <400> 25861

 ccacctctaa aagatgtgtg tggtgaaagt gtcgcactag aaaaaagaag agtcatatga 60
 ccatgtgaaa gtatttattg gccctccgct aaaacaataa gcatttagat catccctgct 120

ttctgggtac tgtacatatg catgatagag ctccctttag tcgaatt

167

<210> 25862
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700905560H1

<400> 25862

ggcaattcga attgcagtgt ttacataggc aatctggatg agagggtgac agacaggggc 60
ttgtatgata tattaattca agcaggacga gtggtagact tgcacattcc taaagataag 120
gaatcagaga aacccaaaagg ttttgccttt gcagaatatg aaactgaaga gattgcagac 180
tatgctgtcc ggcttttttc aggcctcata acactgtaca acagaacact taagtttgcg 240
atatctggga gagacaaaac tac 263

<210> 25863
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700905561H1

<400> 25863

cccatttgca gagctgtgga gatagcagcg aagaagagtt atcgggtgctt cctcgtcaca 60
ccaaagtggc cgtaacagga aataaccgca ccaaatcggc gctcgttggt cttcaagggtg 120
ttgttaagaa agccgttgga ctaggtggat ggcattggct ggttcttaca aatgggtattg 180
aagtgaagct acaaaggaat gctcttagcg tgattgaagc acccaccggt aacgaggaag 240
atgatgacct tgagtttgaa aat 263

<210> 25864
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700905563H1

<400> 25864

ctcagattgc aattgcctct tctcttctcc cagaatcggc gtaggttaca ggtttaaggc 60

ttttgttttc atttaggtca ctaatccgat atcatgaagc tcgatacgac tagtctcgaa 120
 tcgttttccca cactgattgc acctcaaaac gacgtcgccg gagaactctc cgccgctccg 180
 ttctttgacc ttccgaattc caatgacttc gatgggttct tgaaagacgc tattcagatg 240
 gtgaagcccg cgaagggtac taaa 265

<210> 25865
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905566H1
 <400> 25865

gggacatcaa ggcctatcta ttgcctcgat ctcatagaa aggttcctct attccagaac 60
 tcggatgata gtattcttga caacatctgt gacagggtta aactcctagt cttctctaaa 120
 gatgaaaaga taatcagaga aggtgatcct gtaccaagga tgggtgtcat cgtccgaggg 180
 cgcataaaac gctaccaaag ccttatcaaa ggcattggtat cctcaagcat ccttgagcca 240
 ggagggtttt tgggtgacga gct 263

<210> 25866
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905567H1
 <400> 25866

tggcatcgta caaggatatg acgacgacga cgacgacgac gaattcggat atttcgagcc 60
 agcaggatatg ggacggcgcc accatggaga tggagtctca agacaacatg aacatgagca 120
 tgagcctcca ggatttggtg accgaaaacg acgcggtgcc accctctcat agtcatggaa 180
 ggggaaagag aaaaacccta gtggaggaac cctcgtcgt cgataaggta actcttcaga 240
 aacagagaag gatgataa 258

<210> 25867
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905569H1

<400> 25867

agacaagagt acaaggattt gctgtatggc ttagagaagg cgtcgcagag ggttgtgatg 60
gctaagagcg aacttgggtct gatccgaaa caagaatttg ctgtcaagca gttgaaggat 120
tacgtcagcc agcttgaaag caaagttttc gagattggag aatgtcaaag agacatatca 180
gaggcaaaag ccttgggtgga cgaagcagaa cgctctctgt tggtaaagtgt tggagggtcct 240
gaaaatggca gtacatcca 259

<210> 25868

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905574H1

<400> 25868

ttcacaactc ggggagttgt tgttgtgggt catcttcctc ctctattcac tggcacttga 60
tagatccctc tctcacagct tccattcgca atccagtttc tctttgatcg gatgcatcct 120
ctggggttttg aaccttttac tctcatcaa cattatttgt tgagggatag gttgtgtcat 180
ttcagtttga tcagctttag aatctcaaga catcagttat ggctccttct aggaaatcta 240
gaagtgtaaa taag 254

<210> 25869

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700905575H1

<400> 25869

catggatcgt gattacagaa ctgcaaccaa taaccaacaa gcctttacgt acaagttcac 60
aacacatggt tcacaaatgt agcaagacca aactcaaac gcgagttcag aataggggaag 120
agaacaaata tcagctcacc agtcattga agggaagaga agtggataac agtgatcaaa 180
gtttgaaatg gaagagatga ggtcaagaaa gggaatagct acctttggag tgtttcgagt 240
ttaaaggaga gggaatacag c 261

<210> 25870
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905576H1

 <400> 25870

 ataaaagacg agcagagggga tccaaacccg aattagaaac gatttcggaa tccctaattc 60
 gcaaatacgca accctagttg tgctgtgcgt tggtgtagtg gtttttggaa gaggaggctt 120
 gagctaaacg ctgcgttttcg acgacgatga tcgtgagcca gaacatgggtg acggaggcgg 180
 aaattatttg caagcagaac attccgatgt tggacgtgaa gaagtaccac cttcgcgtgg 240
 cgcaatagct cggcgg 255

<210> 25871
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905577H1

 <400> 25871

 aaaaaccatt attagcctgc gtttgttttg aaagattttt ctgaagttca ctaagttaag 60
 ccaagtcaat gatttgctgt tgcctatggt tgaagttggt tctttctgag ggaataatta 120
 gagatgatct gcaactgttgga atatttacgg cagataaatg agatagtga gtttacattg 180
 ttcttctgt taagctgtgt taccttgaat tgtactgggt atatatatcc atttcgtttc 240
 taattcaaat caaatgta 258

<210> 25872
 <211> 263
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905579H1

 <400> 25872

 gctacaagcc caacaaactt ggttttaatt ggtataggcg tgccaaggct ttgttaattt 60
 tgagcggttaa gtgctgcaac taatcagatc ccaagacctt ggcttacctt gccatacaga 120

aaaaaaaaa gcaaaaaaaaa agccaagggtt tggagccaac aaaaattaac acaaagcaca 180
 agtcatggaa agaataatgg ttggaagtgc acaaagggtg ctttcaccct cttggccact 240
 ttcgccattg gtcattccag gcc 263

<210> 25873
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905580H1

<400> 25873

aaattttctt gaagtaatag aaattcttca gcagatagca aaagagggtca atgatcacia 60
 agataaagca tcccatggct ttctctcagc tcttagacgg ggccatcatt gatattgata 120
 taagagtatt acgcgacagt atagcctttt tgtctgtat agtagtcaga ctctgactaa 180
 atatctattg agttcgttgt ttataatact cttgagagat tccgttgtat tgtgtttgcc 240
 ttaaatttct gttacaatct gcgc 264

<210> 25874
 <211> 141
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905581H1

<400> 25874

ggctcgagcc gaatcggctc gagctcacc ttctttgact gttctagcac accacaccca 60
 tgagactcct cctgctcctt agtctcctct ttcacgcggc ggaagccaag ggacagtggc 120
 agctcctcca caaaaacatc g 141

<210> 25875
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905582H1

<400> 25875

tgcttataga gatatttatg aaatatggct gcaatcacag agaacaagca atgtaagaga 60

caagacaccg gatagagatg agtggactga agatgttaat gggaagaaaa tggctcttat 120
 tcgccagata tttatggaag ctaaactgtct gtctacagat gagagactac gccagtccaa 180
 ggagtttgaa gatgccttgg aagttttaag ttccaataat gatctgttag tcaggttatt 240
 ggattctcaa aatctttatg aact 264

<210> 25876
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905583H1
 <400> 25876

taaaatatat tatgaacaat tcagggtcaaa gcatatattt tgattacatc catacccttg 60
 ggaggaacct gattgctgat agcatcaaga agcaaaggat aaggcagtca agtgggtatgg 120
 atgtaatcaa aatatattat gaacaattca ggtcaaagca tatatcgcgg gatgattttg 180
 tgaagatgct gaggttaata gttggagatg gtctgttgag aactacaata gaagatcttc 240
 agttcaagat accttccggt gg 262

<210> 25877
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905585H1
 <400> 25877

cgcactcaag aacatgctgt gacagcgctc ctgaatcttt ccatatacga gaataacaaa 60
 ggaagtattg tttcttcagg agcagttcca ggtatagttc atgtgctgaa gaagggaagc 120
 atggaagctc gggaaaatgc agctgcaaca cttttcagcc tttcagttat agatgaaaac 180
 aagggttcaa ttgggtcttt aggagccata ccaccactgg tgacactgct aagtg 235

<210> 25878
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905586H1

<400> 25878

ataccggttt gaattctcta ctgttgaaat gccgtatgaa tcatacaatg gaatcaatgt 60
taggcttagg tacattttga aagtgacaat tagtcgaaat tatgtcaaca acattgtgga 120
atacatggat tttggtgtac gcaattatgc tccagctcca cctattaata acagcattaa 180
gatggaagta ggaattgaag aatgcttaca catagagttt gaatacggca agagcaagta 240
tcattctgaag gatgtca 257

<210> 25879

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905587H1

<400> 25879

gcaaagggtga actatgaagc aaatggctgg gttgtacatc aagtttctga catatggggg 60
aaaacatcac cagatcgagg tgaggctgtt tgggctttat ggccaatggg tggagcttgg 120
ctttgtaccc atttatggga gcattattct tatacaatgg acaaagtttt tcttgaaaat 180
aaagcatatc ctttgttgga aggatggaca tcatttctgt tggattgggtt gattgagggc 240
cgtggtggat tat 253

<210> 25880

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700905589H1

<400> 25880

gctcgagctc tcaacaaaac ccaccgtttt ctgcgaaaat caaaccacaca ctcaccactc 60
tccaatctcc cattctcccc tctttctcca actcagcgca accgtcacga ttgcgccccaa 120
aatctcgatc ttcactgcga ggcgtgtttt gtgagcacgg aatacgaata tggatcacca 180
agaggatgaa agtaacagca aacaagacga tgaggaagct gttgctcgcc ttgaggaaat 240
aaaaaaatcc attgaggcgg a 261

<210> 25881

0953113-032200

<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700905547H1

<400> 25881

gcagggataa ggattgcttg agcaagtggg tttctccatg tgagaaattg ggtctctctg 60
ctgagcacgg ttacttcact aggtggacca aggattctcc ttgggagact tgcggattga 120
cgaccgattt tgaatggaaa atgattgcag aacctgtgat ggcgctttat actgaagcaa 180
ctgatggttc cttcattgaa cataaagaaa gtgcaatggg ttggcaccat caagaagcag 240
atccttattt tggatcatgc caagc 265

<210> 25882
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700905510H1

<400> 25882

cgaaactctt gattaccata accatgtcaa tggcaacaac atccccctcac accgcccctct 60
tccaaaaccg caccaaccct ttactctct cctccttcaa acccacatcc atcaaatgog 120
ccaccaact ccatacccaa gccccgcccc tcaccactc ccaagatcgc gtcttcaact 180
tcgcccgcgg tcccgccacc ctcccgaaa acgtcctcct ccgtgcccaa tccgagctct 240
acaactggcg cggatccggc at 262

<210> 25883
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700905511H1

<400> 25883

ttctcttctc ctaaccctct ttcctattaa gaggagaagg aataacaaaa acaatataca 60
caatggcttt cgctttcact ttcacaaaaa ccctaattct catcgtctcc ctctcctccc 120
tcctcctcca aaccacgcg gcccgcgccc cccgcaccgt ccaggcccgc ctctacagcc 180

tctgcaagcc caccaccaat gttgggctgt gctacaggac catcctgccg gaggtgctgg 240
gcctgccccg cttcaactat ta 262

<210> 25884
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700905512H1

<400> 25884

ctacaaagga aggactgaag atgatagggtt ggttgctgtg aaacgcttca acaagtctgc 60
ttggcctgat cctcgacagt tcctagagga agcaagggca gtggggcagc tgaggaatga 120
gcggttggct aacttggttg gttgttgctg tgaaggggaa gagagattgc ttgttgctga 180
gtttatgcca aatgaaactc tctccaaaca tctctttcac tgggagagcc agccaatgaa 240
atgggcaatg aggctgagag tggct 265

<210> 25885
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700905513H1

<400> 25885

ggccttactt tcagaggaat tccaacagc atctctatct aatgagagtg tgtggtgtgt 60
ggtgtgtggt tttctttcct tccaacgtac ctctcattga caaataaacg tgcaaactta 120
tgtgtgcata attttcttat gtatgcttaa gttttgtaat tggatgctat ctagtttttc 180
atatctaata ggggtgtgtg tcagttttta tgtatagtat tgtgctccta tcatgttcac 240
ccgtatcatg ttcacccgta tgtaag 266

<210> 25886
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700905515H1

<400> 25886

cagcacctca ttccccaagt gatcctacag tgaagaaagt tgctgacaaa ttggcaagtt 60
 ttgtggctaa aaatggaagg caatttgagg atgtaacacg tcaaaaaaat cctggggata 120
 cacctttcaa atttttgttt gatgagagat gtgctgaata caagtattat gaatatcggc 180
 ttgctcaaga agaaaatgct cttgtgcaat caagggaatc acaggtgcct cgtaatgggg 240
 gtacaagcac ttcattcttc aaacagac 268

<210> 25887
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905516H1
 <400> 25887

ctttccctct ctaactgtgc tgatgggtctt atcgacgtca tccagggctc cactgccatc 60
 accatctcaa attgccacat gaccaaacat aacgatgtca tgctgttttg tgctagtgc 120
 tcatacagcg gagacaagat aatgcagata acagtggcat tcaaccactt cgggcaagga 180
 ctggttcaga ggatgccaag gtgcagatgg ggtttcgtgc atgtcctcaa caatgactac 240
 acccactgga tgatgtacgc aattggt 267

<210> 25888
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905517H1
 <400> 25888

aaacaatcat gcaatagaaa tctttcaaga tcatgtaagg agtccatag agaacttcaa 60
 agcttgaggg acatcagatc tgacttactt actccgtcta aagattcaag aaagaggagg 120
 gacatgactg atgttcgaat tctttacagc caccacttgg atgaagatat tgtaagcat 180
 cagaagaaga ttttagcacg gcttggagtt tctgtggctt cctccattgc agatgcaacc 240
 catttcatag ctaatcaatt tgtgcgtac 269

<210> 25889
 <211> 264
 <212> DNA

<213> Glycine max

<223> Clone ID: 700905518H1

<400> 25889

gaaggagacc ctcattgacc ttacagttat agaaatcttg tcaaggcacg catctgatga 60
gttctacctt gggcagagag atggtggtga ctactggact tctgatgccg gtccattaga 120
ggcatttaag aggtttggaa agaagcttga agagattgaa aagaagctta tagagaagaa 180
caaagatgag acattgagaa accgctatgg gccagctaaa atgccttaca ctctgctcta 240
tccttctagt gaggagggat tgac 264

<210> 25890

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700905520H1

<400> 25890

gtttgttgatg agctataagc tagtttatcg tgaggagaat atgaagttgt ttgttttctt 60
tggtgctgca gtagttttgg tagcatggcc atgccatggc gcaggctacc aaaggttccc 120
tctccgaatg aaaactggct atggtgagcg ttcttcggag gtaaaatgcg caagtttttag 180
gcttgctgtg gaagcacaca acatccgagc ctttaaaacc attcctgaag agtgcgctga 240
accaacaaag gactacatta atgg 264

<210> 25891

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905521H1

<400> 25891

tgtgaatcag caccacattc acctgagctt tttgtgacga ttccaaagca tggcttcctt 60
tgcagcatcc actgctgctg cttcccttgg catgtcagaa atgcttggaa accccatcaa 120
cctcagtggg gccacaaggc cagctccatc tgccctctagc cctgcctcct tcaagactgt 180
ggctcttttc tccaaaaaga aggctgcacc tccaaaaaaa gctgcagctg ctgctcctgc 240

caatgatgag cttgccaaagt ggtat

265

<210> 25892
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700905522H1

<400> 25892

ctctctctca ccaaagcctt cctagaacga aaaaaaaaaag aagagcaatt ttccctcacc 60
aaagaagaag aagcaaacaa tggccgatca acttaccgat gaacagatct ccgagttcaa 120
ggaagccttc agcttgtttg acaaggacgg cgatgggtgc atcacaacca aggagcttgg 180
aactgttatg cgttcattgg ggcaaaaccc aactgaggca gagctccagg acatgatcaa 240
tgaagtggat gctgatggga at 262

<210> 25893
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700905523H1

<400> 25893

tgaagattct ccttttcaaa tttcaacctt tttcccccaa aactaacaaa ccctcttct 60
tctcaatcat tgcattggctt ttactgatt ctataataat aatttcagat tcgtttttcg 120
ttttttgtta ccatggagtt gatttcaggt ctaccagagg acgtagcccg agactgtttg 180
attagggttc cctatgatca attcccggcg gttgcttcag tctgcaaagg ctggagcgcg 240
gagattcact cgccggactt tca 263

<210> 25894
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700905524H1

<400> 25894

ctagactctt ccgtttctct tctctgtcta aggggtgccc tgagatcaca ttgaacaatg 60

gtgaaagctg tgtgccgtct ttggagcagt gaggggtgtca ctggaactat tcacttcggt 120
caggagggaa atgggtcgaaa caccgtgact ctatgccttg ctggctctta gcttgggtctc 180
catggtttcc atgtccatgc cttggggggac actaccaatg gtg 223

<210> 25895
<211> 263
<212> DNA
<213> Glycine max
<223> Clone ID: 700905525H1
<400> 25895

cgtgtttcat ttgtgaaact aacaacaaca caaggccatc atcatggcag ctgcttcgcc 60
aatggcaagc caactcaagt ccaccttcac taggactctt gtagctccca agggcctctc 120
tgcctcttca ccacttcacc tcgtgccttc tagaaggcaa tttagcttca ctgttaaggc 180
catccaatca gagaagccaa cctatcaagt gattcagcca atcaacggtg acccattcat 240
tggaagcctg gaaaccccag tta 263

<210> 25896
<211> 260
<212> DNA
<213> Glycine max
<223> Clone ID: 700905526H1
<400> 25896

catttttcta attaatcaga ccaaccacca acgagatgat ttctgagtcc ctcttggtag 60
tattcctcat tgtcttcatt tctgcttccc ttctcaaact cttgtttgtg agagaaaaca 120
aaccaaaggc ccacttgaag aaccaccaa gccacctgc aataccata ataggtcatc 180
tccacctcct taaacccctc atccatcact cattccgaga cctctctctc cgatatgggc 240
gcctcctaag ccttcgaatt 260

<210> 25897
<211> 262
<212> DNA
<213> Glycine max
<223> Clone ID: 700905528H1

<400> 25897

cgaaatggaa gatgatgtgg tctgaggcac ctcttggtat tgtttcccca ttgatggtga 60
 ggggtgttggc agcaaagatt cccaattctt tatgcttgat attcaagtca tatgacatac 120
 tgaaaggcca ggtcaggggc atgctattat tcccattttc agcgaggaac tgatgatact 180
 gggttatagt ctgtaaagaa atattatatac tgaaattttg tttctgccga gagttaactg 240
 acctgtagat gttaagccat ca 262

<210> 25898

<211> 262

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700905530H1

<400> 25898

agaatccaca caaactcagg gtgaangaga gagagagaga gagagagaga gagagagaga 60
 gaatacgagt gtggtgtatc gcggtgcatg gtggcgcttg tgtcgactct aatctccac 120
 tcgagcgcca agaagaagcg aaacaacttc tcacgcgctg tctcaatctt ggaatctctg 180
 ctctaaattc taatcttccc gccatatatg tcgtcgaact tgtggtgagg gaattggaaa 240
 cggatccgct gttcaagtcg gg 262

<210> 25899

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905531H1

<400> 25899

ggggaagaaa catttaattt ggggtgataa tagtttatgt taagatatca ctactgctat 60
 atatatgttg ccatagccaa gttagcctta taaagggaaa ctcaactgcc ttatttttgg 120
 ttttgagatt gagctaaagg ccaactcaac catcgaattt gttggtgatt gaaagagaag 180
 gaagaagaag caggaaatgg aagcagtgag agctggtcga gaaggagcaa taggtctagg 240
 tcaaggtgat ggcgtacaag ggaca 265

<210> 25900
 <211> 116
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905532H1

<400> 25900

atcaaaacaa cctgctttct ctcaggttct tgatcagtgt caaaaccaa aggggtggtg 60
 caaattgcaa tggctaagca tgatgttgag ggtggttcct tcgctggcaa ggacta 116

<210> 25901
 <211> 85
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905533H1

<400> 25901

gtttgaggcg gagaatagct ccaacagttc ccaattgga accctagcat tcgccattgc 60
 cgccaccttt cccacgcag ctttt 85

<210> 25902
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905538H1

<400> 25902

ccggtgcaca gatcttctca gagggaggcc ttgactactt gggcaacca aacctgatcc 60
 atgctcagag catccttgct atctgggctg ttcaggttgt gctcatgggg tttgttgaag 120
 gttacagagt tgggtggtga ccacttggtg aaggacttga cccaatctac cctggtggtg 180
 cttttgacct tcttggtctg gctgatgacc ctgatgcatt cgctgagttg aaggtaagg 240
 aactcaagaa cggtcgcttg 260

<210> 25903
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905542H1

<400> 25903
 tttccatcta gagttgttgc ggctctcttc tctgcacact cagaatgcag tccacactct 60
 tcaacaccga acattccctt atccccactt caccacactc tatcagatcc aattctggtc 120
 atgcttctct ctccgttcgc gctccatcg ccgtggaaac cccacaggag acggtgaagc 180
 tgaacaagta cagctcccgc atcaccgagc ccaaatcgca gggcgcctcc caggccgtgc 240
 tctacggcgt cggctctctcc gag 263

<210> 25904
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905545H1

<400> 25904
 cagaggggca gtagccgaga ttccgtgagt tgcaaaaatg aagacgattc tttccaccga 60
 gaccatgaaa taagcggacg gcgtgagcat caaagttcat gccaaaggta tcgaagttga 120
 gggccccgc ggaaaattgg tgcgagactt caagcatttg aatctcgatt ttcagctcat 180
 tactgacgag aacggtataa gaaagctgaa aatcgacgcg tggtttggtt ctcggaatac 240
 atccgccgcc a 251

<210> 25905
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905509H1

<400> 25905
 caaagttcgg tggttcaata tgtatataga cgtgttggtt caacctgatt tttgcgatac 60
 agactcaagt accaatcact tctgctaagg agttatcttt gcttactgaa gaatattgca 120
 ttcttgccat gtaccaattc tcggtctctt ccagtgttat agcgtcggta ggatcgaaga 180
 tggttggcat gtagccattt gttttggctg ggtgataata tcttaataga atatggaaat 240
 gttgtgacga actctgcagt agca 264

<210> 25906
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905546H1

<400> 25906

cctcgagcct gattcggctc gagctgagcc tctgtagaaa tttgtcatgg catccgctat 60
 gctgaatcga ggtggttcta gcatcatcaa atccctgtct tcaactcttg gtacgagggt 120
 ttacgccaaag gttgcaacag ggactgacat agtctctgcc gcaccaatg tttctctcca 180
 gaaagctcgt acctgggacg agggcctggc ttccaagtcc tccaccactc ctctcaaaga 240
 catcttcaag gacaagaaag ttgtca 266

<210> 25907
 <211> 92
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905467H1

<400> 25907

ctccgatctt aatatacatt gactaaaaga tgaataaagg gatcagattt aagttccttg 60
 atctaataag atccttgctt ttaattgtac ta 92

<210> 25908
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905468H1

<400> 25908

gtgcaaaaga gcgtcgtagt cgcaacccta atcagaagaa gcgcagcttc aagcgagtga 60
 cagccaccag ccatgggtcg tatgcacagc cgcggtaagg gtatatcctc ttctgctttg 120
 ccctacaaaa ggacacctcc tagctggctc aagatctctt cgcaagatgt cgaagaaaat 180
 atctgcaagt ttgcgaagaa aggtttgacc ccgtctcaga ttggtgtc 228

<210> 25909
 <211> 227

<212> DNA
 <213> Glycine max

<223> Clone ID: 700905469H1

<400> 25909

cggagaagga aaatgaagat gtttgggaatg tgtggtggta gcgacgatga taatcacaga 60
 gatgatgaag acaaaagccc gattggggca agagaagatg gcagccaata cagcctcaca 120
 ggagttcttc ttccgtctct cggggccaca gctattcgca atggcagcgg tagaccaaag 180
 tttcgccaat acattgtctc accatataat cgtcattaca aactatg 227

<210> 25910
 <211> 223
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905470H1

<400> 25910

cacaggttct ggcatgggaa cactgttgat atcaaaaatt agggaggaat acccagacag 60
 aatgatgctc actttctctg ttttcccatc tccaaaagtt tctgatacag ttgtggagcc 120
 atacaatgcc actttgtctg tacaccaact ggttgaaaat gcagatgagt gcatggttct 180
 tgacaatgaa gcactttatg acatttgctt taggacattg aaa 223

<210> 25911
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905471H1

<400> 25911

atgatgttgg ccatagaagc caatattgca aatttgacaa cgagctcctt aactcttca 60
 cctcttcctt gtatcttgct gcattagtag cttctttctt tgcttccacc actacaagga 120
 tagatggacg caaggcctcc atgttcttag gaggcttgtt tttccttggtg ggggcattat 180
 taaacggctt cgccgtcaac attgaaatgc tgatcatagg ccgc 224

<210> 25912
 <211> 225

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905472H1

<400> 25912

cactaagtga gtgagaatga aaatgttgca ggtggcaata gtgcaattgg ctgcgttgca 60
 ggTTTTTgtt atTTTTTTTg agtggTggTg ctgattacat accgccttca aggttggatg 120
 ggTtcgtcta ccaaaatggg tacttagatt tggatactgt tttgatagaa gcgttttatg 180
 atccggtgtg cccatacagc agggattcat ggcctccact caaac 225

<210> 25913
 <211> 228
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905474H1

<400> 25913

gcgcaacctc gttgcccccc gaacatggga aactgctgcg ccacgccgtc caccgacgaa 60
 acggcgaaca agaagggcaa aaaggga aaa aaggaaaacc ctttcgcgat cgactacggt 120
 ttcaacgcca ccgccgcgaa cgggtcgaag ctcaccgttt tgaagtcccc gacggggccgc 180
 gagatcgagg cccgctacga gctggggccgt gagctggggc ggggcgat 228

<210> 25914
 <211> 228
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905475H1

<400> 25914

gcgaaaaata aggcacaagc tagtttgca ttaaagtaat aagatagtgg gacacttgga 60
 tggataggaa ggatctgtat aggtctctgc aagaaaatgt taggagactc gaggcaggtg 120
 aatgactata tagtttaggt tgtacataga aatctcttgc aggaaaatgc aatttgcata 180
 caaaggggac taccagttg cagaaagctc ctgctgcatg gatactat 228

<210> 25915
 <211> 226

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905476H1
 <400> 25915
 ctggagttgt gattcttcaa taccatatat tctctctctt tctctttttc tttcttgatt 60
 tgtgctgtga aacagttaga agtgggtgtg atgtctgagg cattggaaga tggtccttca 120
 atgaaaggag ggtgtgaaga agaagaagaa gggttgaacc tgaaggctac tgagctgagg 180
 cttggggttac cagggtgtga gtcaccagag agggagggtg cgttta 226

<210> 25916
 <211> 225
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905477H1
 <400> 25916
 tccaagactt tcatgatatt gtttcttaga attttgtatt tttttttata atttatttaa 60
 ttattttctc cctacaaaat cttgatctct ctgctgttgt ggagtgggtg tgtgttaatc 120
 tcattcacac attcacagtt atactctctc tctctttgtc gcttggatca ctgatctcat 180
 ctcaattttc agatatgtcg acatctgata agccagaagt ggtgg 225

<210> 25917
 <211> 203
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905479H1
 <400> 25917
 gttacagaaa aacaaacact tatctctgtt tctccgtctt acggcaattg aaggaagcac 60
 tatctctgca acttccgtca cattcacatg gcagcttctg catctgctac tgctgtgcc 120
 tatctagaca agacagattt tctaaagctt caaaatggca gatacattcg tgggtgtggct 180
 gttgatgggtg ttgagggaga gcc 203

<210> 25918
 <211> 204

<212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700905480H1

<400> 25918

cccgtagtgg tggaggacaa ggagggggtg taggatatgg tggatgatcat ggagctggat 60
 atggtggcgg tgggtggtgg ggtgcggggt atggtggtgg tgtagagcat ggtagtggag 120
 gtggttatgg tgaaggtgaa ggaggtggag ctggaggagg atatggagct cttggggcac 180
 atggntgntg gttttgagga ggcg 204

<210> 25919
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905481H1

<400> 25919

gggaaagctg tgccttcagc ttcagcatgt tgaattgagt ggactcgagg gagtgacaga 60
 tgcagggctt cttccactcc ttgagagtta taaggctggt ttggttaaag tgaaccttag 120
 tggttgacaa aacgttacca atcaagtagt ttcgtccttg gccaatctgc atggttggac 180
 tcttgagaat ctaaacttg atggttgcaa aaacatcagt gatgctagc 229

<210> 25920
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905482H1

<400> 25920

gagaagatcg gggattaacg aactatgaat tgaactttct caatggctca gattcccaac 60
 ctagacaatg ctctgtcaa tctcacatcc attagggagc attcgcaaaa agagctcctc 120
 aacatcctca agaatgttcg aggaaagaag ttattagtca ttgatccgaa gctcggagac 180
 tctctctcgc ttatcataca gacatccatt ctcaaggagc atggagttg 229

<210> 25921

<211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905483H1

<400> 25921

gagctatgat atcgaatttg gcatttgtat tccgtaatat cttttccaaa aagggcatga 60
 agggaaagtc tgtcagtgga atgaattact atgcttgttt atctattttg tcccttgcaa 120
 ttctcacacc cttcgcaatt gctgtggaag gaccacagat gtgggctgct ggatggcaaa 180
 cagctatgtg tcatattggt cccaattca tatggtgggt agctgct 227

<210> 25922
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905484H1

<400> 25922

ctttctcaaa ttaattaatt ccctttatta tcaaatggc cctggctatg gctgcttgca 60
 gtccttgagac ttcaattgag tgctgataac accttgagac cttttgaaaa aaccaccgtc 120
 ttgaaggccc tctctatctc ttatgttact aaaccatggt acatttctca caaacaaga 180
 ttatcatcac cttcatcttc aggaataaca atgatcgac gagcaac 227

<210> 25923
 <211> 223
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905486H1

<400> 25923

ctgggtgtgac atgttgctt cgattccctg gtcaactcaa ctcagatctt cgcaaaactcg 60
 ccgtgaatct cattcccttc cctcgtctgc acttcttcat ggtgggattt gccccactca 120
 cttcccgcgg ttccaacag tacagggtc tcaactgtccc tgaattgacc caacaaatgt 180
 gggatgctaa gaacatgatg tgtgcagctg atcctcgcca cgg 223

<210> 25924

<211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905488H1

<400> 25924

gcctggaaaa aaagttagca tgtatattgc taggttgaga aattctaaac caggagtcc 60
 tcttataatct ccacctcctc atcatgatat ttattctatc gaggaccttg ctcagttgat 120
 ctttgatctt catcaggtga accctaaggc caaggtgtct gtaaaactgg tggctgaagc 180
 tggaattggc actgttgcac ctgggggttg aaagggcaat gctg 224

<210> 25925
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905489H1

<400> 25925

aacaataatt cagaaatgtt actgcaaaca ttagctatcc ctacaatact cttgtgata 60
 ttcatatggg tgggtacaacc aaagcaacgt catgggaaga ttgcaccagg tccaaggcg 120
 ttgccaatta ttggtaacct ccacatgcta gggaaactcc cgcaccgcac cttcaaacc 180
 tttgcaagaa aatatggacc cataatgtcc ttgaagctag ggcaagt 227

<210> 25926
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905490H1

<400> 25926

ctctctccct tagtcaaagg gactcgttgt tcttctccca gggtatttag aaaagcaaaa 60
 tgggtgaagat ttgctgcatt ggtgctggat atgtgggggg tcctactatg gcagtcattg 120
 cacttaagtg cccatccatt gaagttgctg ttgttgatat ctctaaatcc cgcattgcag 180
 cctggaacag tgaccagctt cctatctatg aacctggcct tgatgg 226

<210> 25927

<211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905491H1

<400> 25927

tttaagagtg agatagtaga gagagagaga aacacaactg ctttgccaaa ccttaatttc 60
 agggcacttc caagctaaca ggaatatatg ttgttcctt tttgtgttgt ttgattcagc 120
 gatttctggg tttcgttttt tttctttctt tgttacaagg agagtccgat gtctttaagt 180
 tgaataactt gttgggacat atttgactcg gtgcttttct tttgg 225

<210> 25928
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905492H1

<400> 25928

cccaaattag gattaggatt agggctacca ataccaatac caataccaat tctattctat 60
 ggcttgtcga agcgcccaaa tacacgggtct cggaaccctt tcctcccgaa ccctattttt 120
 aggtcagagg ctaaatacca aggccgcctt tatcaagctc aagtccacac ctagaagact 180
 ccgccctctc agagtgggta atgagaaagt cgtcgggtatc gatttg 226

<210> 25929
 <211> 209
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905495H1

<400> 25929

aagagggggg cagagtgaga aagagaaaga gagaattcgt aaaccctaatt ttcggaaaga 60
 tcggcgatga ctccctccaa ggatcgcgag aacttcgtct acatcgccaa actcgccgag 120
 caggccgagc gttacgaaga gatgggtggaa tcaatgaaga acgttgcgaa tctcgacgtt 180
 gaactgacgg tggaggagcg gaatttgct 209

<210> 25930

<211> 171
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905496H1

<400> 25930

gctcactgaa tgcagtagcc aatgatggag gatggatata tcttggaact aacaaaacta 60
 tggcaaaatc aagtagcact ggctacagtc agtggtcctt ctcaaaggat catcttcagg 120
 tgggtgatac agtgcgctct agaaagcttt ccaattcatg caatcctcaa a 171

<210> 25931
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905466H1

<400> 25931

ctgttgccacc tctgattgca cttgcacggg ctgaagcaga ggatgttcat gaaactgccg 60
 caggagcact atggaatctg gctttcaatg ctagcaatgc tctaagaata gtagaggaag 120
 gtggagtatc cgcacttggt gatctctgct cagcatcagt ttcaaaaatg gcacgattca 180
 tggctgcggt ggcatgggct tacatgtttg acggggagaat ggatgaatat g 231

<210> 25932
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905502H1

<400> 25932

ctttcccttc tgttcaactca aaagagcaga aagagacaag atcccggaaa ggcgtgccgg 60
 cgtcagagac tcatcagttc tactcgtac ggcgttggtc tttgctttct caccttcttc 120
 ttcatttctt tcatcatcat catcatcaca atataaagtt cgctccttcc tcaagtcttc 180
 acccatcccc agatgggtaa cagcaccatc tcggatctgt gtccctcctt taagtgaata 240
 aggatgcctt gcagggtgct gcttccaatc t 271

<210> 25933

<211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905503H1

<400> 25933

ctttggtggc cacagcaaca ataacaatgg cagcctcact acaagctgca gctaccttca 60
 tgcaaccac caaggtgggc atggccactc gcaacctcaa atctacacaa tgcatttcta 120
 aggcttttgg cttggaaccc gctgcagcta aactcatttg ctcccttaag cccgatctca 180
 aagattttgc tcaaaaatgt gtcgacgcca ccaaaattgc aggattcgcc cttgggcact 240
 cagctctcgg tgtttctgga gc 262

<210> 25934
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905506H1

<400> 25934

tgatcccaa aaaataatac ccaggataat gcatggctta ctctctctct ctgcaacaat 60
 tagggtttta aacctttaat ccaatccaga aactcacatt tattatctta ctgcgatttt 120
 tccacctcgc gcgatatggc attgtccctt tccatttccc attagcttct tctcctcacg 180
 cccgctcatg agccaccatc gcaacaacca cgctgcgctc actggttcaa ccggcgatgc 240
 gaatccgat gactgtc 257

<210> 25935
 <211> 115
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905507H1

<400> 25935

ggcgatctgg taaggagctt gagaaggagc ccaaattttt gaagaatggt gatgctggta 60
 tggttaagat ggatccagcc aagcccatgg tggttgaaac tttctctgag tatcc 115

<210> 25936

<211> 235
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905428H1

 <400> 25936

 tccaacacca acaacaccat cctcaaaatc tccaaactcg cgatcctcct cgttttgttc 60
 gcttcagtct gcaacgtcgc tatgtcggac tccaccgcca aaccctcga ccagcacgcc 120
 accacgggct ctgaccctac tgcgccagcg gttcacatcg tgtacaccga gagaccacag 180
 aacgaggagc ctgaggccta ccacatcaga accctcactt cagtccttgg cagtg 235

<210> 25937
 <211> 234
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905429H1

 <400> 25937

 ggaaactcct cacaagaggc atcacaagtt tattgaattc tatgatgtta gagcggccga 60
 agcagcactt aaatcattaa acaggagtga catagctggg aaacgcataa agcttgaacc 120
 aagtaggcct ggaggagctc gtagaaattt gatgctocaa ttaaatcaag agcttgacca 180
 agatgaatct cggagtttcc gataccaagt gggttctcct gtagctaact ctcc 234

<210> 25938
 <211> 235
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905430H1

 <400> 25938

 tcacaaaaca aaactcagtt tgtaactctc acaccatttt cactgatatc ccataataac 60
 caccatggct cgacctaaag aaattgctac catcatttac cacaatgggc acattgtaga 120
 cgatctagtt caaggatcga tgtacatgtg tacgacccta atatTTTTTT acgccagtcg 180
 ttctattacg ttacacaat tcattcggag tattaacaat cgtctcctta ctcaa 235

<210> 25939

<211> 190
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905432H1

 <400> 25939

 gcctgccgga attgaattga attgaagaga gatgttggtt caggtgggag ggcaaggcag 60
 tcgccccacc ttcttcgaga tggcgggcggc tcaacaactg ccggcgagcc tccgcgccgc 120
 tttgacatac tccatcggcg tcttggcctt tcggagacct ttccttcaca aactcctcac 180
 gctcgaagac 190

<210> 25940
 <211> 237
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905433H1

 <400> 25940

 cacccttact ggcaaaacaa tcacgctaga ggtggagtc tccgacacaa tcgataacgt 60
 gaaagccaag attcaagata aggaagggat tcctccggat caacaacgtt tgatcttcgc 120
 cggaacacaa ctggaagacg gcagaaccct cgccgattac aatatccaga aagaatcgac 180
 tctgcatttg gtgcttcgct tccgcggagg gatgcagatc ttcgtgaaaa ccctaac 237

<210> 25941
 <211> 235
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905435H1

 <400> 25941

 cgcaggatta cagaagagtc agattgatga gattgttctt gttgggtgaa gcacaaggat 60
 tccaaaggta caacagcttt tgaaggacta ctttgatggc aaggagccaa acaagggtgt 120
 caaccctgat gaagcagttg cctatggtgc tgcagtgcaa ggaagcatgt tgagtggaga 180
 ggggtggtgaa gaaaccaaag acatccttct cctggatgtg gctccctca ctctc 235

<210> 25942

<211> 135
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905436H1

 <400> 25942

 aaaaaagata acacagagag tagcgtctta ataaacgctc ttctctgaaa aacctgatgt 60
 cttctcttct tctcttcgct ttcgtttcga tcttcgatct ctgaaaatga gagagtgcac 120
 ttcaatccac atagg 135

<210> 25943
 <211> 224
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905437H1

 <400> 25943

 cagcttctct aaattctctg tctacttcac caagcacttt tggttgcagc tttggttaat 60
 ttccaatatg gtgtttcttc tcctatctat ctttgcttta ctcaatcttg cagtggggc 120
 aacccatgca gaaaccttgc ccctgaagt ttactggaag tcgaagcttc ccaccactcc 180
 aatgccgaaa gccattacag atatccttca ccagatttg gcag 224

<210> 25944
 <211> 229
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905439H1

 <400> 25944

 ctctcaaata tcttcgttcc ttcgattcgt tccatttctt ccaaaatggc caaagaccca 60
 gttcgcgttc tcgtcactgg agctgcaggg caaattgggt atgctcttgt ccctatgatt 120
 gctgagggag tgatgttggg tctgaccag ccggtgatcc tccacatgct tgacattcct 180
 ccggcagcag agtcattgaa tgggggtaaa atggaattgg tggatgctg 229

<210> 25945
 <211> 229
 <212> DNA

<213> Glycine max

<223> Clone ID: 700905440H1

<400> 25945

caccgtagta attctagagc taatacgtgc aacaaacccc gacttctgga agggatgcat 60
 ttattagata aaaggtcaac acaggctctg cctcttgctt tgatgattca tgataactcg 120
 tcggatcgca cggcctttgt gccggcgacg catcattcaa atttctgccc tatcaacttt 180
 cgatggtagg atagtggcct accatgggtg tgacgggtga cggagaatt 229

<210> 25946

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700905442H1

<400> 25946

cgccggctcg gaggaggaca ccaagccgct tatcggctcg gctcggctca agctgggtga 60
 cattctcgac gacgttgaa tcggcgagcg cgtgagccgc acgctctcgc tgaagcgctc 120
 ctcggggagg ccgcacggga aggttgaggt tagcgtgaca atcagggagc ccagctaccg 180
 tgccgagggg ggggtacaac cgctcctta cggcgtgagg gattattccc ct 232

<210> 25947

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700905443H1

<400> 25947

cgatgatgga gatggcgaac gaagacgctg tcgttgccgc actcgcggcg ttggtgctac 60
 tcgcggcgag tgtggcggtg gatgctcagg agaactcgga cgtgaagacg ctggtgaagt 120
 acaagcacgg gaagaagtac tgcgacaaag gatcggaatg taagggtgg tcaatttact 180
 gttgtaacct caccattacc gattatttcc agacctacca gttcgcgaa 229

<210> 25948

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700905447H1

<400> 25948

cttttgtgga ttcaagaaaa ctaaataaat cactgttttt gtatcatttg tatgtatgta 60
gttcctttct tcatcatgat tattatgata cgttcacact tttgtactct ggtaaattgg 120
tttgttttcg gcatctttga ggaatttgct tgtggctttt ataaggaatt aagggttgat 180
gcttaaaggg aggaaatatc ccaaactgaa actatattca gttcgtaaaa a 231

<210> 25949

<211> 222

<212> DNA

<213> Glycine max

<223> Clone ID: 700905448H1

<400> 25949

cattactgca aatgggggtt cagatgagac agatttgatt cgccggccat atctcttga 60
gcatttgctt gctatttatg ctgccatgat catgggtgtg cgtgtacttg gttacctgtt 120
ctggactatt tctgataact gggagtgggc tgatggatat ggtcccaagt ttggacttgt 180
tgcggtatgac cgggcaaact aacatgcacg gacccacgc cc 222

<210> 25950

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700905449H1

<400> 25950

cgatgatatt tctatagtta aagagctgcc taaagagttc agctggagca caagagagta 60
ctatggcttg gctattcggg aaaccgaat caaggctgcg cctgtgcatg catcagccca 120
ttggtatctg gagaatgttt tgctgttct acagagttat ggtattgctg caatctctcc 180
atcttctcac agactgagtt ttgacaactt gcctatggat attcaacacc tacgc 235

<210> 25951

<211> 231

<212> DNA

<213> Glycine max
 <223> Clone ID: 700905450H1
 <400> 25951
 cggttaaacct cggagccaga tattcagagc gggteccacc gatgatggat actggcggag 60
 gaggcggaca tcgtcaccga cagccaccat gtcgcggtgg aagtttgccg cgtggcggca 120
 gttccagcac ctgctggata aatcgacgcc gcacgtggga cgccggtggc tggggttcgc 180
 ggcggttgcg cttttgtacg cgctgcgcgt gtacttggtg caaggcttct a 231

<210> 25952
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905451H1
 <400> 25952
 ctctgaatgt gctcgttggt tagaaaaccc taatctgatt caattccagc atggctcaaa 60
 aacaaaagct gcgcccttct cctctggacg agccaccac cgcttcctct tccgattccg 120
 aggaagaaga ggagcaacaa caacaacaac catcctctca gcaacacgaa caagaggaag 180
 aagaagtttc ctccggagaa gaagaggaag ctctctccga agaagaggaa ga 232

<210> 25953
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905452H1
 <400> 25953
 ccaaacccaa accccggatg gcacagaagc agcacctcct tctggatcta tcccaaatct 60
 caatctccaa accctagaac gaacattcaa gtttccccct ttcccccttc tcttttcct 120
 ttcaaaaaca ctccctttcc actcttcgcg tgcgattgga tctcttgggt gtcttccttt 180
 ccgcgatttc gatctgcaac ttgaggggtg tggaattcgg aatttcacat t 231

<210> 25954
 <211> 228
 <212> DNA

<213> Glycine max

<223> Clone ID: 700905453H1

<400> 25954

cggggctacc gctgagttta agcatatcaa taagcggagg aaaagaaact aacaaggatt 60
cccttagtaa cggcgagcga accgggaaaa gccaccatg aaaatcggtc gccctcggcg 120
tccgaattgt agtctggaga agcgtcctca gtggcggacc gggcccaagt cccctggaag 180
ggggcgccag agagggtgag agccccgtcg tgcccgacc ctgtcgca 228

<210> 25955

<211> 226

<212> DNA

<213> Glycine max

<223> Clone ID: 700905454H1

<400> 25955

ctttttctct ctcaatcttt gttcatcaaa gtgctgcac tctctcactc tcttacttaa 60
ctcgacaact tcagccacat tattccatgg atgccaagggt attcaaattc cagatcctcc 120
aaggctccat cgctaagcgc gtggctcattc gctcaatact actcgcgtgc gccgtctcaa 180
ttgtctccat ctaccgcgcg caatccctct tcgatttcgg aaccct 226

<210> 25956

<211> 223

<212> DNA

<213> Glycine max

<223> Clone ID: 700905455H1

<400> 25956

ccttggtgaa atcaccaaca gtgcattcga gccatcatct atgatggcca agtgtgctcc 60
ccgccatggc aaatacatgg cgtgctgtct catgtacaga ggtgacgtag tgcctaaaga 120
tgtaaatgca gctgactgga attatcaaga ccaagcgcac tattcaattt gttgactggt 180
gccccaccgg gttcaagtct ggaatcaatt accagcctcc gac 223

<210> 25957

<211> 228

<212> DNA

<213> Glycine max

<223> Clone ID: 700905456H1

<400> 25957

cagtatctgt tccatttcct gtgaaacaat cgcaggagac aaagctttcc cacttggata 60
 ttgttggttag acctgttggt gtgctggaga agaacaatgt tgtacctgag cataatgagc 120
 attttcaggt ctactataag ttcaacagtc tttctatgct cagggagcct ttgatgttga 180
 tttctggctt tttatttctg tttgttgctg gcattgtcta cacgcatg 228

<210> 25958

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700905458H1

<400> 25958

ccaagctccc ctctgtctgg taagcctctg cttccattgg atgcaaagga ggatgaagag 60
 aaggagaaag caaagccagt tacatattca tatgccttct tccacttgat tttctctctt 120
 gctagcatgt attctgcaat gcttctgact ggttggtcta catctgttgg agagagcggg 180
 aagttggttg acgtggggtg gccttctgtg tgggttcgaa tcatcacttc 230

<210> 25959

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700905459H1

<400> 25959

gaagcatctg agtgcttatt atttgtaata tatatagtca ctcaagcttc taggatttgt 60
 gccagctaca tgaaaatggg aagcaacttc tggtttttga gtctttgcct cttggcattg 120
 attgcatcaa cccatgctca acttcagctt ggtttttatg ccaagagttg cccaaacgct 180
 gagcaaatcg ttttgaaatt tgtccatgac catatccaca atgctccat 229

<210> 25960

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700905460H1

<400> 25960

atggtataca acataggatt tactcttggc aggatggagt ttcaggaact aattgtctaa 60
 ttccagcagg ttggaattgt acatatgagt ttcaagttaa agatcagata gggagtttat 120
 tctacttccc ttccttaa at ttcctgaggg ctgcaggagt atatggagga attatcataa 180
 aaaaccgacc agtgattcct gttccttttg gattaccaga tggagatatt 230

<210> 25961

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700905427H1

<400> 25961

acaattcaac ttaagagatc aatatggcca ccaccactac ccagcctccc tctaatatct 60
 gttttttcct tctgttgttg cttctagcac actttcattt gggcataagc caacttgagc 120
 tgaattacta ctctaaaagc tgcccaaaag ctgaagagat catcaaggaa caagtcacac 180
 aactatataa caagcatgga aacactgccg tttcgtgggt cagaaatctc ttcca 235

<210> 25962

<211> 224

<212> DNA

<213> Glycine max

<223> Clone ID: 700905461H1

<400> 25962

agataaaatg ggttcttctt cgtctatgtg gacgggtgtgt gtgatttttg catcactggc 60
 cttcgcagta tgctgtgcc aactcacgcag gccagtggat gtacaatttg gccgaaagta 120
 cgtgccca tgggcctttg attacatcaa atatgtcaat tgtggttctg acattcagct 180
 tcatcttgac aagtacactg gtactggcct ccagtcctaaa gggc 224

<210> 25963

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700905462H1

<400> 25963

ccttgctctt cttcttcttc tctctcacc cccaaatttt ctcactctct ctttatcttc 60
accttttcag tttaaagctt cagatcacaa ccgatccacc attcaccact ttctcttcac 120
aagctcaagt tactgacagg caaatctaac aagaaaagta gtctctgaag tcgatccagt 180
gccttgtaga tttggaattg gtggtgaatt tagatctaaa agccatagca at 232

<210> 25964

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700905391H1

<400> 25964

ctcttcttct cttgcggcta gggttttagc gcagtgtctt cgagatttaa ggtagatggg 60
taaggaaaag gttcacatca gtattgtggt cattggccat gtcgactctg ggaaatccac 120
taccactggt catctgattt acaagcttgg aggcattgac aagcgtgtta ttgagaggtt 180
tgagaaggaa gctgctgaga tgaccaagag gtctttcaag tatgcctggg tgctggacaa 240
acttaaggct gagcgtgaaa gaggaat 267

<210> 25965

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700905392H1

<400> 25965

ctttaccata ccattacaat aattatcaaa cctaaccagt agaaatggtg accgtggccg 60
aaatccgcaa cgctcagcgt tcccatggac ccgccaccat cttggccttc ggcaccgcca 120
cgccgtccaa ctgcgtctcc caagccgatt accctgacta ctacttccgc cttaccaaca 180
gcgcacacat gactgatctc aaagaaaagt tcaagcgcac gtgtgaaaag tccatgataa 240
agaagcgata catgcacctg acggagga 268

<210> 25966
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905393H1

<400> 25966

ctagaactag aaaagaaaaa taaaatccca caggtaaggg taataaaca ataacagaag 60
 tcagaaaaac aaaaaacaga ttggcagcct tgtgtcccag ggatgaacat gattgtggag 120
 cgagcgagtg atgctcacca catcacgtgc ttccaaaact gatctatttc ctttctcctt 180
 cttacttctt ctttctctct gctgcaaata caaaatctac catagcgggt ccattttctg 240
 aatttctcga gcgaacttcg ccagttcta gg 272

<210> 25967
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905394H1

<400> 25967

agaagatcga tcatggctta tatctcctct ctatcatctt tctccctctc caatttctct 60
 gcacctcttc ccatttccat ctgttctcctca tcttcgcgct tcctaacttt ccagatacca 120
 tgcataccca ccatacgtag caaaccataa ggccatcatg tttccatagt gtcatgcac 180
 agtaaccaga tcaactcaac atcataccca gattgatgag gaaccatcgt catacagcat 240
 tctaggcaaa catcgaggag atgttctcct tgg 273

<210> 25968
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905395H1

<400> 25968

aatttggttt aggagaaaag atggaggaaa taggataggg ggtgggaaaa ttgatgaata 60
 gaggtatttc tgcagtttgg atggataggt gaaaacaaag ggtcaatgta cagaatatga 120

aactgttctg tttccaaaat cactctctct tctggcatgt ttcacacgct atgtagctat 180
 gcttctgtga acttcccttc ctattgaact gattgttctt tcaaactttc tattatgaaa 240
 ttttctttgt tgggttttct ttcaaggatt tttta 275

<210> 25969
 <211> 274
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905396H1
 <400> 25969

gtttccttgc tctttcatct tttcctcttt ctctatgcaa ataaccgatt gatcaatcga 60
 atttttttgt gattcaattt cgctcttttt tctcggcgcg agaaatcatg gctttgggaa 120
 cggtgactcg acggttgggg aataaactct tgccggcggt atctccttct cccaggcttc 180
 tacattctca cgccaccagt ttcgggttca aacaagtaaa cgaagaagaa aaggctcgca 240
 tggttggtga cgtattcacg agcgttgctt caag 274

<210> 25970
 <211> 238
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905404H1
 <400> 25970

cagaagcttt caaaagggtt ggaagcaaac tgactggaat tgaaggaaaa atcaatgcaa 60
 ggcacagtga tccaagtctg agaaaccgga ctgggccagt tcagctgcca tacactttgc 120
 tccatcgttc aagtgaggaa gggttgactt tcaaaggaat tcccaacagt atctctatct 180
 aattaaaaag agtttgggt ttccttatct atgttgact tctgaataac atagactt 238

<210> 25971
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905405H1
 <400> 25971

002220"ETTES60

ccaagaacgg ctagagcggg tgacgagaat tggaggagat ttaaatttag aatatgctga 60
agatagctgc gaggaagaaa atttggagga aaaatctgag tgcattgttg tgaatgatag 120
attagaagat agacatgatg acaatccaat gatttctcaa tcaagcctaa gaaattcctc 180
acctgaaaac attgagaatg atagtaatta tccaagaaa caaatgggta acgggg 236

<210> 25972
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700905406H1

<400> 25972
cgaggacgaa aaagggtacaa ggaaccgatt ctagagagag aaagcgtgtt gaatttctag 60
agagagagag cggagggcgc gcgggatggt tcagatcgca aggaggagga agaagggacg 120
gccgtcgaag gcggatctgg cgcgccgctc aggccagtct ccggccgccg catcgcagcc 180
tgattctcgg cggagctccg gcgccgaagc gtgaggtaca acatcatcga ctac 234

<210> 25973
<211> 218
<212> DNA
<213> Glycine max

<223> Clone ID: 700905408H1

<400> 25973
caacagcagc tgcaaagtgt caggcaaac aacttacaga agataagtat agtgtccctg 60
gcggaacaaa tgggtgcttg aaggaagagt tagaatctgc tgttaaaagg tatgcatctg 120
tcatgacaga acttgatgct gcaaagcaag cactgagcaa gactcggcaa gagtatgatt 180
catccttgga tgaaaaaatg tttgcgttca agcaagca 218

<210> 25974
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700905410H1

<400> 25974

cgaaatttaa gtgaggagct agagaatgat gatgaagtct gctatgtgtg cagtgggtgt 60
 tgtagcactt cttcttctgg cggagggtggg gcccatggct gaggtctgtga catgcacccc 120
 aacagagttg agtccgtgtc ttccagcaat cacttccggt gctaaacctt ccaatgcttg 180
 ttgcacgaag ctgaagcagc aaaaaccatg cttatgtggc tacctcaaaa acgctag 237

<210> 25975
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905411H1
 <400> 25975

cagaaacagt gtgatgaaaa tgaaggctct tgttttcttc gttgctacaa ttttggtagc 60
 atggcaatgc catgcgtacg atatgttccc tctccgaatg aacactggct atgggtgccg 120
 tactccggag gtgaaatgcg caagttggag gcttgctgac gaagcacaca acatctttgg 180
 ctttgagccc attcctgaag agtgcgttga agcaacaaag gaatacatcc atggc 235

<210> 25976
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905412H1
 <400> 25976

gctctttcct ccgatctcag gtgttggtta agcttctctg gttggcttgg tctccttgca 60
 agttcttctg tagcagattc caaggtgaag gtgtcatggt aaagtttctt tcatgtttga 120
 acaggctact atccatttgg gagcaactga gctgcttggg ttgtattttt cttcttctag 180
 aaaaaattac agaccctcac caccagact tagttgtatg aacggttggc cacctt 236

<210> 25977
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905413H1
 <400> 25977

cacccatccg caaatgggaa gcgatcatcc gaagaattct aaacaaatct tctgatcctg 60
aaagcaagca caaaagctac agtgcccctc attctcctgt tcaaaaaact tcttcttctg 120
cttctgttaa tgctctagca gacagtgtag atgttaatcc actagacatg atgaacgagg 180
agtatttagg aacttttgac aatgatgata tagaacaaga ggaacagaaa agcagca 237

<210> 25978
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700905414H1

<400> 25978

aataattgag acttgagaga gaaaaaacta aactataggg caaatgaga aatatttgag 60
ctctcaactt cattgcccac tcttgcccag aaccccataa aacacccaag gaaattgatg 120
ctgcttataa gcaaggcggg ggtttggctt ttctagtaac tttgactcac tgacttcaaa 180
cacagtaacc aagcctcttc cttcatggga atatgagaat gaaactaaat tcaccgtg 238

<210> 25979
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700905415H1

<400> 25979

acttagggga acaatcacag catctggtga tcttgttcct ttgtcctaca ttgctggttt 60
gctaactggg agaccaaact ccaaggctgt tggacctctt ggtgagattc tgaatgccaa 120
agaagccttt gaattggcca acatcgggtc tgagttcttt gagttgcaac ctaaggaagg 180
ccttgccctt gtgaatggca ctgctgttgg ttctggcttg gcc 223

<210> 25980
<211> 94
<212> DNA
<213> Glycine max

<223> Clone ID: 700905416H1

<400> 25980

cgaactttca cttattcaat ttctcaccat acaaattaga gtcattcttct gcgttatatc 60
 tttggctgcc attaatgttt ccacacaaca tacg 94

<210> 25981
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905418H1

<400> 25981

caaatatattg cttcattcct tcaccgccgc actatcgttt ccgagaacca tcactttttc 60
 tcgctgctct tcaaagcaat cgcaacgcgc gttttgcttc tcttttcacg gcagatcctc 120
 tgcgtcgcca ccagattcac tcacgtttcg tgattcgaac gcggcgctcg ttagactcaa 180
 gcttgcgga gaagagaaaa ccctaatacag acatggggaa gaagaagccg acggcgagg 239

<210> 25982
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905419H1

<400> 25982

agtcacaatg gtttcttcta attgctacta tcttgcatg gtatgctgct gtgttctgct 60
 gctgctgaac cccaccgtgg gggagcagga cgagcagaac ttgggtgctcc agtaccacaa 120
 aggcgcgctc ctcaagggga ggatcacctg taacctgtta tggtagggct gcttcaaccc 180
 aatccaacgc tccacaatcg ttgacttcat aaagtcgtta agctcctccc cgggggc 237

<210> 25983
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905420H1

<400> 25983

ctttctctga actgttcacc gaggatgaga ttaaggatgc cttggctgag tcatatcaga 60
 acatggatga agagattgat ttgagtcct tcctaagggg acatttaaatt ctgcaatccc 120

gagcaatagc taaagatggt gggtcaaaaa gttcttcttc atttctgaag gcagctacaa 180

caactgttca tcattgcaatt aatgaatctg agaaagcttc ttatgttgca cata 234

<210> 25984

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700905421H1

<400> 25984

gtttcttctt ccttcaaaca ccattgcaga ttcttcgctc ctttccattg attcaaaaca 60

tgattaccac caccactcct gctagatctt ttctccaagt cgccgctaca gaggaggccg 120

cgccgctctt cagagtcgtt cagattgaag gactgggtat tctgaagata attaagcatt 180

gtaaggacca ctgccttctt ttagtcatgg gacaacttct tgggttggtt gttg 234

<210> 25985

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700905422H1

<400> 25985

aaaaaaaaacc cacacctttt tcaactctctt tccctaacag tcgcagattc aaatggagcc 60

cgagcccgaa cccaagcttg agcctgagcc agagcccggt cctgagttta gttcgaaaga 120

ggaagcattc tcatactacc aaacctacgc caaatccgtg ggcttttccg ccataatcaa 180

agcctgccgt cgatctcgaa tctccggcaa cttcattgac gccaaattcg cc 232

<210> 25986

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700905423H1

<400> 25986

cggttttaca gtgtttctct tctttcttct tctttcttct cttttcttct gttgaatcgc 60

gattgttctg tgcgagagaa agaagagaga gatcgaaaat ggcgttggtt ttcgacgagt 120

tcggaaggcc gttcataatc ctgaaggagc aggagcagaa gagcagactc cgaggattgg 180
acgctcagaa agccaacatc tccgccggca aagccgtggc tcgcatcctc cg 232

<210> 25987
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700905424H1

<400> 25987

ccttttggag aggatatgtc tgcgtgctg gatttgaccg ggaaaagcga gcaccccgac 60
ctctgttggc tagactacac ttcccgggta gcagggtgcc taagaatagg gataagaccc 120
aacaagagtc cgcacggca aactcacaag gattgaattt taaacaaaat ccagaacagc 180
cagaattgct ttccaacatt cggcagaccg gaggatcctg aaggcaaata attg 234

<210> 25988
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700905390H1

<400> 25988

aaaaaaaaat aataaataag aaaattaaga gccatagtta gaattctgta tgatatttac 60
gtttacggcg tgtgataaaa agatactata tagaactaaa ggagattccc gtttcagtta 120
cattcaattc aacgattgac caaaagagaa ttcaaaaaat aacatttaga tcacccaaat 180
tccaatattt ctatgaaaca ataattaaat ctaacgagtt tatttcgatt gattgtatcc 240
atatggggta ataataaaag ggggaggag 269

<210> 25989
<211> 235
<212> DNA
<213> Glycine max

<223> Clone ID: 700905425H1

<400> 25989

ctgggtgaaa gaacttgacc aagtgggtca tgggtgatttg aaagataagc catgggtggca 60

aaagatgcaa acttgatgaag agttgattga agcctcggcc accctcatat ggatcgcttc 120
 agcccttcat gcagctgtta actttggaca gtatccatat ggaggtttaa tcttgaacag 180
 gcccaaccatt agcaggagat tcatgcctga gaaagggctt gctgagtatg ctgct 235

<210> 25990
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905426H1

<400> 25990

gtgaattatt taatgcgcga aaatgggcag tgaggagaat agtgtgtgat ccacttcttt 60
 catcgcttcg gatcttcaat ctcatctccg atctcaaaat gcccgctgtt tatggagctc 120
 gcttgaccac cttcgaagac tccgagaagg agagtgaata cggttacgtt cgcaaggttt 180
 caggaccctg cgtcgttgcg gatggcatgg ctggtgctgc tatgtatgaa ctcg 234

<210> 25991
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905357H1

<400> 25991

gacacttttc ttcttgggtt gcaaagacac acaaagaaac attgatctca gtcctcacta 60
 gtaacgcaat tcatgctctt cgtctccgat tcatgcgtta agcccttcc gctgaagaag 120
 aaaaaccctt tctctttatg tgttcaacat caatggcttc ctcgttctgc ggctattcca 180
 aggcccaaatt gtgcttcttc aagattctcc gcataatttc atccatcca ccctccacac 240
 aacatacga 249

<210> 25992
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905358H1

<400> 25992

aaaaaaaat agtaagtaga aggattaaga accagaatta gagttgctgt atgatatgta 60
 cgtttacggc gtgtgataaa aagatactat atagaactaa aggagattcc cgtttcagtt 120
 acattcaatt caacgattga ccagaagaga attcaggaaa taacatttag atcacccaaa 180
 ttccaatatt tctatgaagc agtaattaa tctaacgaat ttatttcgat tgattgtatc 240
 catatggggt aataataaaa gggggaggag 270

<210> 25993
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905363H1

<400> 25993
 aaagaataca aaccttgtct ttgaaccagc tcatggatct tccacccag ttcattccgtc 60
 tagccaatga tatgcctgag agcaccatag ccatagacgg tgtcactgtg cctctcatct 120
 cactgtctca tacatatcat ctacagggtga cggcaatagc tgaagctgct ccatagtggg 180
 gatcttccgt catattcgct tatgggatgt ctacaaacat cgatccaacg ttcgcaagtg 240
 gtaggtacgg tagtctgtgc cctccctcaa gaagagaa 278

<210> 25994
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905364H1

<400> 25994
 atgatagtaa cccctttttt ccctctccat acccttttgc tttctttatc caataataag 60
 aacttcccac gagtggcttt aactgggtctg gtctgggtctg gtcggacaca caaaaatatt 120
 agtatggaga aggtgagttt tgtgaagaat ggagagctta gattgcctcc ggggtttcgt 180
 ttccaccga ctgatgatta cgcggttttg cagtacttga agcgcaaggt cttctcctgc 240
 cctctgccag cctctatcat tcttgagggt gatg 274

<210> 25995
 <211> 266
 <212> DNA

<213> Glycine max

<223> Clone ID: 700905366H1

<400> 25995

cgtcgctccg caccagtttc agcgcacgta tatcttggtg tttggagcga tccgagaaaa 60
actctgtaaa catgttggtt taccaggacc tccttacagg tgatgagctt ctctctgact 120
ccttccgtta caaggaaatt gagaatggaa tgctgtggga agttgagggg aagtgggttg 180
ttaaaggagc agttgatgta gacattgggtg caaacccctc tgctgagggg ggaggagaag 240
atgagggagt tgatgatgca gctggt 266

<210> 25996

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700905367H1

<400> 25996

gacaggttca aaccggagca aaaaaacttg ttacgatggt ttcttccgac aaggatccac 60
gagaggaagt ccttcaagca tggtagatgg atgatagtga tgaagatcaa agactcccc 120
accacaaaga acccaaggag tttgtctcgt tggaccaact tgctgaactt ggagtcctta 180
gctggaaatt agatgctgat aaccatgaaa atgggtccaga gctgaagaag attcgtgaag 240
agcgtggcta cacctacatg gatg 264

<210> 25997

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700905368H1

<400> 25997

gtagtacaca acacatagag ataggaagac aaaacattct cactccgaac aaaatgtcga 60
ttaacagcga atctacgccg ccaccgctga tcggcaaaat cgggccttac accgtcttca 120
tgacgccgcc gtctacaccc aaaccctccg acgaccacct cgtcaccacc aagatcgcac 180
ctccgccgcc tcagattccc aaagccgttc cttcccccaa acccgtctcc gaccccgacg 240

attccgtctt acggcttctt cag 263

<210> 25998
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700905369H1

<400> 25998

ggatgcacgt cttgaacgca atttcaagga gatggataag ttctaccaag aagccattga 60
tgaacacatg aattctaaga aaaagactcc agaggaagag gatttagttg atgtcttact 120
tcaactgaaa gagaacaaca cgtttcccat agatctcacc aatgataaca tcaaagcagt 180
gctcttgaac ttacttgtag gagctacagg tacaactgaa gtcacaacaa tctgggccat 240
gactgaacta ataaaaaatc caa 263

<210> 25999
<211> 256
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905370H1

<400> 25999

aaagtctttg actttgaagg gaaagcctca ttttgctgac ttcagtgttg tgccttatga 60
ttgggggtggc tttgtgcatc catgggttga ggactggcc atgagcaggg ttgggtttgga 120
ggagcttagg ctcaagagga tgggtgtctc ggatgagagc ctggagctac tttctcgttc 180
tttcacacac tacagcggtc tagtncttgt tagctgtgaa ggggtctgta ncgatggcct 240
tgctgctata gctgca 256

<210> 26000
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700905371H1

<400> 26000

taagatagaa cgagaataat caagacgaca acgttgact tttgggaggt agaccgaggt 60

aggtcgatgg ccatggagat ttgtggtgaa gtggaagaga cctggaagga gtggaggcaa 120
 tacttcagca ctggaaaaat caggagtgtg acatggagga aaaaccagct cacagctctc 180
 ttagagcgtg ttcattgataa tgaggatcta tatgtaaggc gctcgatcaa gatcttggg 239

<210> 26001
 <211> 212
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905372H1
 <400> 26001

ggaaaagggtt cttcctgata ttccaatgag aatgtttcac aaggtttaaa agaagaggta 60
 cgagatgcaa gattagaagt tctagcaagc ctaagacaag aaacagatga agagcgcttg 120
 tcgtggaaag agctatctgc gttgcttaga ttagaatgtc gagagtacac tccgttactt 180
 gcaatgatta tggaatgttt agttcctaag ag 212

<210> 26002
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905374H1
 <400> 26002

gtgttctggg ctttggttt agtgagcctc tgtctgccag gtaccttcca atgccaagg 60
 ggtaacatct gtgccggcaa actcgccacc tgcagcccta gctgcaacgt cgccgtcttc 120
 gggcacgcca ccgtcagtaa gacgggcagc atcccgctcc agcacgagta gtccaccaac 180
 tatttgccag ccacctgcaa ttgtagctcc cgaacctgct ccagtgcag cacctgctcc 240
 ataatgtgca cgagcttcaa gc 262

<210> 26003
 <211> 153
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905375H1
 <400> 26003

002220-ET1550

cttttagctc cttatcgtcg tggaggacaa ataggacgtt tcggcgcagc tggagtgggt 60
aaaacggaac tgattatgga attgatcaat aacattgcca aagctcatgg aggtgtatct 120
gtatttggcg gagtaggtga acgtactcgt gag 153

<210> 26004
<211> 269
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905376H1

<400> 26004

acaaaagata aaaaatgggt tcttctctac ggancgtctt gatttgggtga tcacttgctt 60
ctgcttcgtt cgccgccaac ccaagagcac caattgatgt tccatttggc agaaactatg 120
ttcctacctg ggcccttgat cacatcaaat acctcaatgg tggttctgag attcagcttc 180
atcttggtaa atacacaggt actggcttcc aatcagattg gtcttacttg tttggtcact 240
tcagcatgta cataagattg gttgctggt 269

<210> 26005
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700905377H1

<400> 26005

ccgtcatggg actcagtctc atatcattgt catggactcc attggtgccc gctgacttct 60
catctgcggg cactgctgca ctctgcttta atcgtggag atctagttgt tgttgattgt 120
gtttcatccg tatgtgtcct acctgattct gcttcgaaga caagaccttg ggtgttaggg 180
ttcaggcttg ttcttactgt caataagctg gacatgtgct tccttgaact cgaagtcgat 240
gga 243

<210> 26006
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700905378H1

<400> 26006

tataaaataa tgttggtacc ttctctctc taacctacaa tttaacaact ctttcgtatc 60
ttctttcttt ttctagaac ctcaaaacca aaaacacaac acaactttcg taacgtgtct 120
ctcccttctt cccctctct ctccggttcc ctaattctgc cctcactgca cccaattcca 180
attccctca cccccaattc ggggaattag gggttcgccc cattcattca tcgatgcacc 240
accaccatcg tcgctagggt ttgcttcgat ggc 273

<210> 26007

<211> 270

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700905379H1

<400> 26007

tgaagaaaga cacagccatt gtttactttt cattgattga gccagatctt tgtaggttct 60
gctctgatnn tccattgggt ggaagaaagt ctcaaccttt attcgaaaga gcaagtatct 120
gagttgagtt gagtgatcat gtgtggtggt gcggttatct ccgacttcat accggcaggt 180
cccgccagcg gggcgcggcg cgtgaccgcc gacatcctgt ggccgagttt gaggaagcgc 240
ttctcgaagc cgctgctgga cgatgatttc 270

<210> 26008

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700905380H1

<400> 26008

atttcctagc ctccaacaa ggaggcccc tatgctcaac agcagaaaat aaataaaggg 60
cattggggtg caatggccat tgcaaagagt gcttccattc ttattatttt gtgctttgca 120
ttggcctgca atgcggataa tgctggaaaa ccagaccag ttgctggtcc tgacatgttc 180
agcaataaaa atgtggctaa ggatgtgctc cttcccgggg agcaaatagt taacgtccag 240
gattttggag ccataggtga tggcaagtgc gactg 275

<210> 26009
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905383H1

<400> 26009

gaaaagatgg cgcggttgat cacagtgggtg tgggtgcgcgg tggcgggtgct actgtgcgcc 60
 gcggcgggcg cgtcgtgggt ggaggaggcg gcgaacccga tacgaatggt ggcggggggtg 120
 gaggcggagg tggttcgggt gctagggcag tgccggcgcg cgctgaagtt tgctaggttc 180
 atgagcaggt tcgggaagag ttaccgaagc gaggaagaga tgagggagag gtacgagata 240
 ttctcgcaaa acctcaggtt cat 263

<210> 26010
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905385H1

<400> 26010

cattcgaaga gctcttaacc ttggtgtcaa tggttaagatg attactgggg atcagcttgc 60
 cattggaaag gaaacaggcc gaaggcttgg aatgggaaca aacatgtacc cttcatcggc 120
 attgcttggc caagacaagg atgcttctat ttcagctctt ccagttgatg agttgattga 180
 gaaggctgat ggatttgcag gagtatttcc tgaacacaaa tatgaaattg ttaagaggct 240
 gcaagagagg aagcatatat gtg 263

<210> 26011
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905386H1

<400> 26011

gcgcaatggg aatgagtatc ttatcattct cattgactcc cctagggcac gttgacttct 60
 catctgaggt tactgctgga ctccgtatta ctgatggagc tctagttgtg gtcgattgtg 120

tggaaggagt ttgtgtccaa actgggaact gtgctaagag aagcccttgg agaaaggatt 180
 aggctgttc tgactgtcaa taagatggac aggtgcttcc ttgaactcca ggttgatgga 240
 gaggaggctt accagacatt ccag 264

<210> 26012
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905387H1
 <400> 26012

ttgttgcggt gcactcgcg aacggagaaa accaaagaat caagcttcgt caaagtgtct 60
 gtcacacaca gtctttaaga tctggaagcg cttctcactt gccacaata agaattcctc 120
 tcaaatttca atttttcatt tgaagataat aaaaccctaa aagaggggtt gcaagcaaaa 180
 tgagaagctc gaagatgtgg atgggttttca tgtgtctgac ggtgagcttc ttcgctcgca 240
 ttgaatcgct atccgtgacg gtga 264

<210> 26013
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905388H1
 <400> 26013

gataagatcg cgcggttgat cacagtgggtg tgggtgctcg tggcggtgct actgtgcgcc 60
 gctgcgggcg cgtcgtgggt ggaggagacg acgaatccg tacgaatggt gtcgggtgtg 120
 caggcggagg tagatcgggt tctagggcag tgccggcgcg cgctgggggt tgctaggttc 180
 atgagcaggt tcagggaaga gttagcgaag cgacatcgag atgagggata ggtactcgat 240
 attctcgca aacctc 256

<210> 26014
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905389H1

<400> 26014
gaattggttt cactaggtgg tttggcaa at tgcattgaaa atagaatgtg ttagtttcca 60
taagcgaatg ccaattat ttt agtttgagaa ctaggatgtt ggtgggtttt ttatatgctt 120
ttactagtgc atgttcccgt gcatcaggag caaacataa gagagaaaaa acaaatatga 180
ggtacaagat ttgttgaggc aactgactga taattcgaag tactccgcgg agtt 234

<210> 26015
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700905356H1

<400> 26015
tagactctgc tctcaaacgg cgtcgttttg gaactctttt tcttttcctt ttgattcttc 60
tctgtgcttg taaccgaaag aggggaaaat ataattaata ccgatttcgc aaccaattct 120
tctcttgctg tgaattggga caacgagaaa ttttgatct cagtttttgg caggaaaaaa 180
aaattgcatt tgagtataaa taacagagtg tagtggtcgg tcttggtctt gatactgtgc 240
tagatttggt ggatggcgga gaaatc 266

<210> 26016
<211> 281
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905312H1

<400> 26016
gatttcgatc atcgtttatt gttgttcaga gatgatcccg taccttagac agtggcttct 60
cntagcacta gcatttccat gtttactaac acttcactcg ttagtatcag gtgtagtagc 120
aacaacatcg ttcacactgg ttaacaaatg cgactacaca gtgtggccag gcattctctc 180
aaacgcagga gtcgccacgc ttccaacaac aggtttcgtc cttcaaaccg gagagtccaa 240
aaccgtaacc gctccaacct cttgggggtgg ccgtttctgg g 281

<210> 26017

<211> 273
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905313H1

 <400> 26017

 ttcgagcgaa tcggctcgag ggcaagcaac agaggctctt tgatttcagt ccgtacagaa 60
 tattattcac agccacatta caaccacgtc tctcttctct taagtcttat ctataaaata 120
 agaaagagag gaagctcaac ctctcacaaa ctctctccac atccatcttt gccacctgca 180
 tgttggttct ctgtaaacag atactgcaaa agaagaataa tattgaatat ttggttgggt 240
 tgaatcctgg gttgaagcgt tgcagacatc acg 273

<210> 26018
 <211> 277
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905315H1

 <400> 26018

 acagcagcag gctattctgt caaatgatat gcatagtga gtagattatgt ctagtggggc 60
 aattgggatt cctcaattgc taatgcttag tggaataggg ccaaaagcag aactccagaa 120
 gttgaacatc ccagtgggtc ttgacaaccc ctttggtggg aaaggaatgg tagacaatcc 180
 catgaacaca atgtttattc cttctaata accagttcat cagtcactca tagaaactgt 240
 tggtatcacc aagatgggtg tgtacattga ggctagc 277

<210> 26019
 <211> 273
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905316H1

 <400> 26019

 gtaagagcca tacggtatct tatcccatag gtcaccatga tccttcatt agaagttgca 60
 gtaacgtgat agaaatggct ttgagacgct ttcttttatg gctagctata tattctgaac 120
 ccgatcccc ctcacaagac ttttaaata cacaattgct gtgtttcgca cacgtggtag 180

caatgccaat ttcacctgta aaatgccttc ctttggttga ccagccatac ttgcatggag 240
gaggtgtact ttgttgcca ggcttcgaca gag 273

<210> 26020
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700905318H1

<400> 26020

atttcacaaa aaataaaaaa aaataagcct ctttctctct ctgaatttct aagcctctct 60
cacaacaatg gaggagccac aaccaggacc cagcccgtta cgcaaatga ttttggtgtc 120
atcaatggcg gccggtatcc aattcgggtg ggccctatag ctctcccttc tcaccccata 180
tgttcaaacc ctaggcgtcc cgcacgcttg ggctcattt atttggctat gtggcccgat 240
atctgggctg ctggtgcagc cattgtgg 268

<210> 26021
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700905321H1

<400> 26021

aggtattatt agtttttccg agcttagcaa tggtcaggca gcattttcag gcttttagcaa 60
ttgtgtgaaa gttcaattta ccatttgtgg tgtttggttg tgtaattagg tttatgttta 120
cttaataaag cttcttaagc ttcctctttt tgttttttta ctttattgat tgtattttgc 180
catatcttct gacctttata tatatttttt gggctgctga aactgggtgca tgtaatgatt 240
tgatttggct agcaatgcaa cgtatt 266

<210> 26022
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700905323H1

<400> 26022

cagcttttat attttaccct ttatctatct gttgatattg ttttcatccc ttgtgccttt 60
 tcattccttg gcgattacga aattgggggt tgatccagag agaaagagag agaaagacat 120
 aaaatttaag gaagaacaga gattgatttt ccataggaac cctaattttc tctttcttgt 180
 tcttttgggg ttctgcaatt tgtgtggggg tttgtgaagc ggtgatcgga aagtctcgat 240
 ctttgatcgg ttttcgtcga tggagag 267

<210> 26023
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905326H1

<400> 26023

gctttgatta gtgtggccta gttgttgttt tctcgatgag aaaggcttct tccactatgc 60
 attgcgcatt tctgcgcttt tgggttccct tgttgctgct tgctagcttc agctatgctc 120
 cttctgtttc ggccacaact gaaatttcag ggaatgaagt gaacacagat gggaagggtga 180
 taaatgaaga gttagcaaaa ccaagtctaa aaggacatga tgaagaagca aagttcaaag 240
 gatTTTTTcc aaaaccaatt cctatagtta g 271

<210> 26024
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905327H1

<400> 26024

acaacacatc acaaagactt tctcaaaca aaccagacgg ttgtctagtc ttccaacctt 60
 ccccatattc ctattcctat tcctattata tcaaaaacaa tgaatagata acatttcttc 120
 ttctttatat atatatat atattgggtgt gtttttttgt cgcttgcccg ctttttgcac 180
 ccttcagcac taagttagag acggccccct ttccctgcag atctttttcc agggaaaggt 240
 ttggattttt tgagcgtttt gtgataagag tg 272

<210> 26025
 <211> 275
 <212> DNA

00220"ETFE560

<213> Glycine max

<223> Clone ID: 700905329H1

<400> 26025

gtgaatacac aagcaaaatt agattaatta attaagctga aagcaagaga aaatgaagat 60
ggaaatcgag gaatttggca actgcgaaca cttcccctgc tttcactgaa ccacgtgtcc 120
cttttgtgca gatcagtgtg ggagtctatg aggttttatg aggatgtctt gggctttggt 180
cccatcaaac gcccttcttc tttcaagttc actggagcct ggttttaciaa ttatggtatt 240
ggaatccact tgatcgagaa tcccaacatt gatgg 275

<210> 26026

<211> 277

<212> DNA

<213> Glycine max

<223> Clone ID: 700905330H1

<400> 26026

ctctctcctc ctcgatccca attccactag ggattcaatt ccgatgcgat tccgagcttg 60
ttagatccac gccaacgtct cgtttgccag attcttttgt aaacaaaaat aatcttcctt 120
tgcccaacag gtcagttgga aaaaaatgga ccatgacaag actgggtgcc aagccctacc 180
tgaaggtcct atatattgca tcaacaactg tggatttttt ggaagtgcag ctaccatgaa 240
tatgtgttct aaatgccaca aagacatggt gctgaaa 277

<210> 26027

<211> 279

<212> DNA

<213> Glycine max

<223> Clone ID: 700905332H1

<400> 26027

catgtcctaa tctttctgca ccatcgttct ccatttttgg ctttacaaaa ccactgtgtc 60
tgattaaggg ttctttaata tttccaatat ttctttagt gaaaaagttg ttagctaaaa 120
gaagaccaag tttttggtgt tgtagaagga agagaagaat taacatgaaa attcagtgtg 180
acgtgtgtga gagagctcca gtaacagtga tttgttgccg ggatgaggct gctttgtgtg 240

ccaaatgtga cgttgaagtt catgctgcaa acaagcttg

279

<210> 26028

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700905333H1

<400> 26028

ctgaggcact gaaagtgtga tatggcaaga gtcatttcct ctctctgcgc acgcctcgca 60

atgcgcctct tctccatcac caccacagcc accgcgttcg ccgtcacttt acccaaacc 120

tcatcactct cctctctatc gcgtcgattc ctcttccttc tctcccatgc catcgctcct 180

cgctccaccc gcgtcgccgg aatccggtgc cgcgttaacc gcgccggaga ctcggcgtac 240

tcaccgctga actcggggtc gtc 263

<210> 26029

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905334H1

<400> 26029

aaccttactg gcaaaacaat cacgctagat gtggagtcct ccgacacaat cgataacgtg 60

aaagccaaga ttcatgataa ggaagggatt cctccggatc aacaacgttt gatcttcgcc 120

ggaaaacaac tcgaagacgg cagaaccctc gccgattaca atatccagaa agaatcgact 180

ctgcatttgg tgcttcgtct ccgcggaggg atgcagatct tcgtgaaaac cctaaccggc 240

aaaacgatta cgctagaggt agagt 265

<210> 26030

<211> 195

<212> DNA

<213> Glycine max

<223> Clone ID: 700905338H1

<400> 26030

gaagtgagaa ggctgtgcga tgcaccataa gcatctcaac tcatgtctgc gttttccgta 60

aaatgtaata tttgattatt gagatttctt gtactaaaag tttgaataac taaagctaaa 120
 ttttttttcc aagttgtgaa aaaaaagaag gaaagaagga aagaaaagaa agggggggccg 180
 ccgaaggatg ggtgg 195

<210> 26031
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905339H1
 <400> 26031

gttgaggcct tacatggaat ctatggttcc actccccgga atctatgacc ccgatttcat 60
 tgctgccaac caaggagacc gtgccaacaa cgtgatcaag ggcacaaaga aagaacaagt 120
 tcaacaaatc atcaaagaca ttaaggagtt taaggaaagc actaaggttg acaagggtgt 180
 tgtcctgtgg acagccaaca cagagaggtg cagcaaccta gttgtggggac taaacgacac 240
 catggaaaac ctctttgctt ccttg 265

<210> 26032
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905340H1
 <400> 26032

attcacgtag gcaacggcta cgaaatccgt cgctataatt caccggttg gatttcaaac 60
 agccccattc aggacatttc tctcgttgaa gccacaagaa ccggcttcag gaggttattt 120
 gactatattc aaggtaagaa taactacaag cagatgattg agatgacagc acctgtgatc 180
 agtgaagtat taccagtgga tggacccttc tgtgagtcct catttgttgt gagcttctat 240
 gtgccagaag agaaccaagc aaaccgg 267

<210> 26033
 <211> 271
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905343H1

<400> 26033

gatcgatcga tggctcttgt aggagttgga ctgaagcatg ctgcggaggg cgtaccggag 60
 gcgaattgct cgcgaagcc caccaagcag ggcgagggcc tccgccacta ctattctctc 120
 aacatccacg agcatcagct ccttcttcgc caagagagtc atgacctcaa ccgtctcgag 180
 gctcagagaa acgacctcaa ttctaggggtg aggatgctgc gcgaagaatt acagcttctg 240
 caggcacccg gctcttatgt cggatgaagtt g 271

<210> 26034

<211> 277

<212> DNA

<213> Glycine max

<223> Clone ID: 700905348H1

<400> 26034

atgcaatata tgggtttatt gccatctga gtttgggtgt cattctccag atatctacca 60
 gcacaaacat caggaatgtt ggctgaaata tgctgagaaa cctcgattaa attttaagga 120
 taagtatcct gaattatata gaaattcaca tccttctgca ccagtgatcg ttccgtgggt 180
 ctctggagtt attagttcat gagtcaaata accaaacacc agatgtaacg agatcagcca 240
 gagctacctt gtagactaca caacggcaca aagctag 277

<210> 26035

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700905351H1

<400> 26035

ggagaacaaa gtatagagtg aaagaatggg ttagagaagc aagatttgga tcataggagg 60
 caccggctac atcggcagac atatagtga agcaagcgca aaggctggaa atcccacttt 120
 tgctttgggtg agggaatcca cactgtctga gacctccaag gcacaactca tgcacaatth 180
 tgaggctttg ggcgttaatt tggcccgagg ggatctgtac gatcatgaga agttgggtgaa 240
 agctatcaag caagtagatg tcgtcat 267

<210> 26036

<211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905352H1

<400> 26036

ctcagcttaa catgctactc tcgatcattc atcagtgcac gtgtaaacac cctctctagg 60
 ctctgcagca agactagcag ttggacagtg gctttaaaaa cacttatttt cattcaaagg 120
 ctgttatcag atggtgatcc tgcatacgag caagagatat tcttctcaac tcgccgcgga 180
 acacgcctcc taaacatgtc tgatttcagg ggcaactcaa aatataattc atgggacttc 240
 tgtgcatttg tgcgcaccta tgc 263

<210> 26037
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905353H1

<400> 26037

cagctctaata atggtgcagg gttctagctt tcttagttgc ttgccaagct ctacgcatag 60
 tgacatttta tgctacgcag cttcctggtc caaactatca ttgccgggag ggggtctaaac 120
 ttgctacact gcctcgccg gatagtgtct ttgaagtcct cttgattaat tttccacaag 180
 atgcgatata tggatgcggt gatttgatat tttcatcaca catgatcttt actctagtct 240
 ttgttaatac atatcataga tacgg 265

<210> 26038
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905354H1

<400> 26038

cttcgcgcct tattgtacat gaaagtatag caacagaatt tttgaatagg attgtgaaat 60
 ggggtcaaaaa catcaaaatt tctgatccct tggaagaagg ttgcaggcta ggccctattg 120
 ttagtgaagg acagtatgaa aagatattga agtttatctc aaatgctaag agtgagggtg 180

002230.FFTES60

caaccatttt gactggtggg tctcgcccag agcatctaaa gaagggattc tttgttgaac 240
caactgtcat aactgatgta actac 265

<210> 26039
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700905311H1

<400> 26039

cttcttcctc ttcttcacca acgaccaagg tggagagtac tggttcccaa aagaagaagg 60
aggagcttag aaaagtgttc tccactttcg acaaaaacgg cgacggattc ataacgaagc 120
aggagctgag ggagtccctg aggaacatca gaattttcat gacagaacaa gaggtcgtatg 180
atattgttgt caagtacgat tccaacgggg acgggttgat cgattttgaa gatttttgct 240
tggtgactag tgagtgtgta ggagtggatc atg 273

<210> 26040
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700905274H1

<400> 26040

cgcgccgaca tggctttcgc gcactacggt cccttctggc gccagatgcg caagatctgc 60
gtcatgaagc tcttcagccg caagcgcgcc gagtcatgga acaccgtcag agacgaagtc 120
gacttcatca tccgttctgt tacgaacaac ctcggaagcc ccgtcaatgt cggagaactc 180
gtcttcaacc taacgaagaa catcatctac cgcgcgcggt tcgggtctag ttcccaggag 240
gggc 244

<210> 26041
<211> 246
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905275H1

<400> 26041

atcgagccga atcggtcga gcttcaacac catggtgggc acctctgtct cactagtcca 60
 caacagagtg agtattaatc gttacttcaa gatcaggata agctttttcc ttctgcttca 120
 tccccctcca tggccgcacc ttcctctcgc tccgctctca actccctctc ctctctatcc 180
 ctctccacct cctcatactt ctctctctc cctcaacant ccctcctctc aaaactatca 240
 ccctcc 246

<210> 26042
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905276H1

<400> 26042
 cagaaagaaa aactcagcac aacaccctc ccaaccctct ttttctctta atttctcatc 60
 atatcatatc tattaatctt acacatatat taagacatag atataatttt ttctgtttta 120
 ttttctcttg catgggctgt taagataaga tgtctcgcac gtgctcacag tgcggcaaca 180
 acggccacaa ctgcgggaca tgcaccgacg gtggcgccgc cgcttcctgg gcgggtctcc 240
 caggg 245

<210> 26043
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905277H1

<400> 26043
 ataaaattgg ttctttatat acgtctctag ctacataatc ttctttcttc aacacacaag 60
 aatatatata tcagtgtgga ggttaattaa aaaatgagcg ataaagaagc gaatcttcag 120
 gcgaagttgg aggcaacttc aacatgggct gttgcagttg tgtgctttgt catgcttgct 180
 atttcaatcc tcattgaaca tattcttgaa gaacttgga agtggttaca aaagaaacac 240
 caaaa 245

<210> 26044
 <211> 244

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905278H1
 <400> 26044
 agagcttcgt atagcggaca tactagaccg ttatggtaaa ccactatcct tgcgcaaat 60
 tgtggagaac atagaagacg caccctcccc agatgcctct cttctccaga gaggcttgag 120
 agtacgggtg cgcagaaaga tcttcagtgc acaagaatca gagacaggag aaaccctctt 180
 cggcttgaca cgagcctcga agtggatcct tcgcgacacg aaaatgacct agcaccatg 240
 ttgc 244

<210> 26045
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905279H1
 <400> 26045
 attttgttct caaagaaaga agactctgtc tctgtctctg tatctgtctt tgtctctgtt 60
 cgtctcgctg aaggaatcgc ttaggatcac attctttttc aagtttagtt cctgcttctg 120
 gccacctctc aagttctctg cttttgtttt tagggctcct ttggttctga attggattgg 180
 attgcaattg ggtgcctcac cctgttttgc tcaattgctg ccactctact gttcatagaa 240
 ttgc 244

<210> 26046
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905280H1
 <400> 26046
 catgaattag gaatgaacta taatttcacg cgtccagact tgattgtgga atcatgccta 60
 cagactcctg aagatgtaga caagttgcgt agaattggag tgaaaactat attttgctta 120
 caacaagatt cagaccttga atattttgga gttgatatta atgccatacg agaatatgcc 180
 aagacatgca atgacattca acacttgcgt gctgagataa gggactttga tgcatttgat 240

002220"ETFE560

ctacgg

246

<210> 26047
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700905281H1

<400> 26047

gcgactctct ttccttcctt ctttttccga atctgaatcg aaatggcttc ggagactgag 60
acgtttgctt ttcaggccga gatcaaccag ctcttcagtc taatcatcaa gaccttctac 120
agcaacaagg agatatttct tcgaaagctc atcagcaatg cctctgatgc ttggacaag 180
attcgatttg agagtcttac agacaagagc aagcttgatg ctccagccaga gttgtcattc 240
acattattc 249

<210> 26048
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700905282H1

<400> 26048

ctcgagccgc ccaaaaccat ttataggggt ttcttttctt tgccaagaaa atgagagagt 60
gcatttcaat ccacattggt caggccggtg tccaggctcg aaacgcctgc tgggaactct 120
attgccttga acacggcatt cagcccgatg ggcagatgcc gagtgacaag accgttggag 180
gaggagacga cgccttcaac acattcttca gcgagaccgg cgccggaaag cacggcctcg 240
cgccgtctt 249

<210> 26049
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700905283H1

<400> 26049

gcctccactc tcattctcat ggacatcact cattogaatg ccttcttgat tggaatcggc 60

gtatgaatat tgcaattggt tctgctgaag gaattgtatc ttcattacca agcaacaccg 120
catatcatcc acagggatat taaagcaagc aacgtgttgc tggattctga tttccgtgct 180
cgtgttgctg atttcgggtt tgctaagttg atccctgacg gggcaacgca ttgactacaa 240
aagttaa 247

<210> 26050
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700905284H1

<400> 26050

cctaaacgac tctatctctc ttctgttctg tcttctctgc gctcctctc gttcgttctg 60
tctcctctgc gtatgctggc aatggcggag accgagacgt ttgctttcca ggctgagatc 120
aaccagctcc tcagtctcat catcaacacc ttctactcca acaaggaaat cttccttctg 180
gaactcatca gcaacgcctc tgatgctttg gacaagatta gatttgagag ttgacggaca 240
agagc 245

<210> 26051
<211> 235
<212> DNA
<213> Glycine max

<223> Clone ID: 700905286H1

<400> 26051

ggttggctga acaaaatggt acagtttaaa gagaaatctc gcaaggcggg gcgttcattg 60
ctggagctga agaagttggg gttgcccttt tgacttatcc tggtctgatg gcttctgata 120
tacttctata tcagtctgat ttgtcccggt ttggtgaaga tcaaaagcag catttgaggt 180
tgacccgtga cttggctgaa cgggttaata atttctatgg aggaagaagt ggaag 235

<210> 26052
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700905288H1

<400> 26052
 atcaactgct tttgcagttg ccggtggaatt ggcgtgtatt gtcattgtatg atgcctcggg 60
 agttagactt catgcaggta gacaagcaga attgcttaat caaattgtgt gcgaactacc 120
 tccagaacat ccttgttcca atgacagacc tctgcgtgat tcacttggtc atactccact 180
 tcaggttggt gccggtggca tattgggatg cattatagca tttttgatga gaagatcaag 240
 ttaag 245

<210> 26053
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905291H1

<400> 26053
 gagggtcaga gtgagaaaga gagagagaga gagagaaact gagagaaatt cgcaaaccct 60
 aatttcggaa agatcggcga tggctgcctc caaggatcgc gagaacttcg tctacatcgc 120
 caagctcgcc gaacaggccg agcgatacga agagatgggtg gaatcaatga agaacgttgc 180
 gaatctcgac gttgaactga ctgtggagga gcggaattta ctttcctgtg ggtacaagaa 240
 tgt 243

<210> 26054
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905292H1

<400> 26054
 tcactcttct tctcttgccg ctagggtttt agcgacttc ttctagattt aaggaagatg 60
 ggtaaggaaa tggttcacat cagtattgtg gtcattggcc atgtcgactc tgggaaatcc 120
 actaccactg gtcacctgat ttacaagctt ggaggcattg acaagcgtgt tattgagagg 180
 tttgagaagg aagctgctga gatgaacaag aggtctttca agtatgctgg gtgctggaca 240

<210> 26055
 <211> 242

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905293H1
 <400> 26055
 caactcccat ttctagctcc ctccctccct ctgcttttct tctcttctca ttttccttcg 60
 aacctcctaa tctctccctc cagcttctgg gttctccatt ttcctcgtt ttctgcatct 120
 gcatttcgta gattcagttc tcatcggaat atggacgttc accgaagacc cattccttct 180
 tccggcgaac accgacaaac ccagaagctg aagaccacca ccaccacacc accgattcga 240
 aa 242

<210> 26056
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905294H1
 <400> 26056
 gtactctccc ggatcctccg cctggaactc ttgttttgcc gcgctcgtgc ttccgcttcg 60
 gatccatcta gcgtcacgaa aaaaatccag aattctgtgt tcggttcagc tcttttggat 120
 ttgctagatc cgaagcgga accatttcga agatcgttga agaatggcat caacggcgag 180
 tggggccacc ggatggtaca ggggaagagt gaaggcggtt ccttaccggg actgttttgg 240
 c 241

<210> 26057
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905295H1
 <400> 26057
 ttcacctttc ctctcttcca cattcaattt ccaacaattt cagactcct tcggagatct 60
 ctctctcgcc cataatcaa ccatggcaaa tacgggaaat ttagacgcgg cgatagagca 120
 attgctgaac gtggagaagc agatgaggct cgccggtgac gtggcaggta ccagaaaggc 180
 ggctaccgat attttgcagc tctgcttcga tgcacgagcc tggaaaacct caatgaccag 240

att

243

<210> 26058
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905296H1

<400> 26058

ctctttgcaa cacaacaaaa aaagacaaca cagagagaag cgtcttaata aacgctcttc 60
 tctgaaaaac ctgatttctt ctcttcttct cttctctttc gtttcgatct tcgatctctg 120
 aaaatgagag agtgcatttc aatccacatc ggtcaggccg gtattcaggt cggaaacgcc 180
 tgctggggagc tctactgcct cgaacacggc attcagcctg atgggcagat ccaagtgata 240
 agactg 246

<210> 26059
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905301H1

<400> 26059

caaagatccc atcttttcac gatttggagc agaacaacaa ttctgggtat cttcatatct 60
 gtgccaatga gaccatccat ggggtggagt tcaaggacta cctgttccc aagagtgggtg 120
 ttttggttgc tgatatgtcc tcaaatttct gctccaagcc tgtggatgtg tcaagggttg 180
 gggttatcta tgctggggcc cagaagaatg tggggccctc tgggtgtcacc attgtgatca 240
 tcagtcagga cctcattggg aatgc 265

<210> 26060
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905303H1

<400> 26060

agataattga gacgacggcg aacgagaacg ctgtcgttgc gcgaactcgc tgcgttggtg 60

ttggtggtgc tagtcgcggc gagtgtggtg gtgcaggctc atgagaactc ggacgtgaag 120
acgcttgtga agcacatgca cgggaagaag tactgtttga aaggatggga atgtaagggc 180
tggtcaattt actgttgtaa cctcactatt actgattagt taccagacct acgag 235

<210> 26061
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700905306H1

<400> 26061

cctcgagccg aatcggctct aggttgcacg gcacagagtg gagtcacaag atggtgtcct 60
ggacagctgc agaagctgct cgcagctagc gtcctaaagt gcggcaaggg cagtgtctgg 120
cttgatccaa atgaagtcaa tgaaatctcc atggccaatt ctcgacaaaa cataaggagg 180
ttggttaagg atgggtttat tatcaggtag ccgactaaga ttcactctcg ctcccgtgct 240
cgtcgaatga aggaggccaa g 261

<210> 26062
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700905307H1

<400> 26062

caacctcaat caatccacat ttaaattata acaaacgccc ttcaagatac aaacaatgtc 60
atctcgcat tttgctgaga atgctctatc gctcaccaat attgtcacgc ctccatattt 120
cgacctaatg gaactggacg atctcacgcy ccgaacctcc gccggagaca tgcccacgct 180
cggacagctc ctcaagcacg tcggagacgt gcggaaggaa gcctccggcg acggaagcga 240
gacgcccgtg caccacgctc tcgacatc 268

<210> 26063
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700905273H1

<400> 26063
 caaatcttct atggaataat gggaagttgg actgcttata tgattagcat tctgtacata 60
 gagtacagga ccagaaaaga gaaagagagt gtcagcttca aaaaccatgt cattcagtgg 120
 tttgaagtgc tggaaggttt actgggtcca tactggaaag ccattggctt ggccttcaat 180
 tgcacttttc tctcttttgg atccgttata cagcttattg cttgtgcaat aacatatacc 240
 tc 242

<210> 26064
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905308H1

<400> 26064
 attgctttgt aaatggtttg gagcaccgag atgcaactgc aattttcaat tgcttacgtg 60
 catatgctgc tatagataac actaagagtg cagaagaaat ttttcgagtt actgttgtgg 120
 ctccattgat acagaagatt atcccacatg gatcatcagc tgtggttgct ggatcatttg 180
 gggatggctc agacgatgat tatcaactaa ttaaggagtt cattgataaa gactgtagat 240
 ttttattgga cactacttca gct 263

<210> 26065
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905310H1

<400> 26065
 gttgtaactc aagggttgct gtttttttcc tcgtgacatg atttgatttc caccttcact 60
 caagttctct tttttcttcc ccttccttcc atttatttat tgtgcctatg tttctttaaa 120
 ttttaattta tagttttata ccatgttatg ttaatgtcat atgtgcgctc tttcttatat 180
 tttgtacaag atttggtgat tcaattatct gagaattcca agtactttgt tgattgtgat 240
 ttgtgaagca ggtttcaatt gggaatctga tg 272

<210> 26066
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905245H1

 <400> 26066

 ctgggccata tcacactctg ttagcatatg gagaagaaca ctccattgtt gacattgaga 60
 agagaagaga agcaggagaa tgcaatgggg gctttgtaca tgtcagttat ggagatactc 120
 ttgttctctt tcatattcat atgctctctc acaccaatct cacagtcaca gggattacat 180
 caatctcccc cttttctctt tggcacttct tcttcttcgt accagtatga agggcttatt 240
 tgagtgatg 249

<210> 26067
 <211> 247
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905247H1

 <400> 26067

 cttctcttgc tacttgctat gctcatcttc aaaactcagc cttactcata ctcatgctga 60
 gccaaaaccc aaaccaacc accatggaca tgattcctgg gaagatccga aaacgaggct 120
 gttctctctc ggctctctcc tctctctcgg tgctccacaa ctaccgcttc aagaggacta 180
 ttctcgtcgg aaagaggggc ggatccagta cgcccggtgcc cacgtggaag ctcagagctc 240
 gagatct 247

<210> 26068
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905249H1

 <400> 26068

 agcgaaagag ccattttctg attctaccaa atctaggggtt agggattcaa ttaccaaact 60
 tctctctctt ctctctctct cttcatattc ttttccttgc tacgagaaat ataattactc 120
 tctatatctc tctcttgctc attacgaata tcagtttacc tcgagctaata catattcgga 180

agaaacatgg ttttattatc cggagaaaat catcgtcaca attttctcgg ctaacctttg 240
aattatatat aat 253

<210> 26069
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700905250H1

<400> 26069

gagaaaagtg gcggtgaaaa atgaaagtga cttggaagaa caagaagaag aaacgttggt 60
taccacggtt gtcacacttc actgaccttc cctttgagca taatcatcaa caacactcca 120
acaccgacgc tgaagatggc gcgcatgttc cgcacgccac acaattggct aacgaatttc 180
aagctcaagg agacaagctt gctatggatg ggaagtaccg ggaagcacta ggtaaattgg 240
aagctgctct tgcgtt 256

<210> 26070
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700905251H1

<400> 26070

ctgttgccaa cttctataag acttcggctt cgatggctgg aacacctgag catcttggga 60
tattgattag tgagaaactg aggcacccaa gtacatggct cttgttgctg tcattatggc 120
tgctgtccac atggtttggc acattcatac tgtgtggcat gttgagcctc tcaacaaagt 180
ttcccttctt ccatagctac cctgagttgt ctcttcttaa acagcaaaaa gtgatgagtc 240
ttggtctctc ag 252

<210> 26071
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700905252H1

<400> 26071

cttcactagt gctgcttctc tttgactgga gcggaagag agatgcttcg agaaaaaggt 60
 tcgatatcaa agccggaaaa gactggcaga gcagcggcct cgggtgaagg ggcagtttgt 120
 acgacaacat aatcatccat tcgctgaggc tgggtggtgat tcatgaacat tgttctcttt 180
 aggtttcctg tagtattaaa ttacagttga ctgtaacacc gattgtgtcg acaagattag 240
 cagtaggggt 249

<210> 26072
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905253H1

<400> 26072

gtaacttcaa aacatacacc cttctctctt gtttctcttc actctctctc tccctccctc 60
 ttcaactaac atggcaatcc acaaccaaga caccgctgtc agagaaatca agccaagaa 120
 caggagaatc atgggtgctg gagggcctga tgatgaggac aataggtggc caccgtggtc 180
 gaagccactg ctgaaagaga gcttctatgt tcaatgcaag ttgcatgctg attctcacia 240
 gagcgactgc 250

<210> 26073
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905254H1

<400> 26073

agagaacccc aaagcgtcca acagcattgc aaggatagtt aataaaaatc atttcatgag 60
 actccagaac cttctcactg agccaagggt caaagaatcg gtggcttatg gtggttcaat 120
 ggacgacaat gacttattta ttgaaccgac aatattgctg gatccgccac ttgattcagc 180
 agtcatggct gcggaatct ttggccctgt acttccaata atcaccctgg agaagattga 240
 aga 243

<210> 26074
 <211> 245

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905255H1
 <400> 26074
 gtttgataaa atattgtaca cataaatcta gtcceaattc ctaatcacct gggttaatttc 60
 ttcacataga gctatcaaga tccaacgtta acatgaagaa tgttttagta aggtcagctg 120
 cgcgagctct gcttggcggc ggtgggcgga gctactaccg ccagctctca acggcggcga 180
 tcgtggaaca gagacaccag cacggtggcg gcgcgtttgg aagcttccac ttgcggagga 240
 tgtcc 245

<210> 26075
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905257H1
 <400> 26075
 gactaaccct tccttggatc tctttctacc tcttttctcc gcgactgggt tcagtttgaa 60
 cctaaggcag agaagccaga gagtctctc tgccttagag aaactctcac aatggcgttt 120
 caggactttg atctcatctc agagaggaga aggaacgaga agaggcaaaa ggcgaggaag 180
 aggatcatga ttggcgtggt ctcttccgtt gtcctcgttg ccatgatagg tgcatactct 240
 tcgttgt 247

<210> 26076
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905258H1
 <400> 26076
 ccctcgctct atttctcagt ctctgtgttt gcggctgagg attccgaacg agtgaccttc 60
 ttcgtttctc gcaaagttaa agtaatcatg ggtaaggaaa aggttcacat caacattgtc 120
 gtcattggac atgtcgactc tgggaagtca actaccactg gtcacttgat ctacaagctt 180
 ggaggtattg acaagcgtgt gattgagagg ttcgagaagg aggctgccga gatgaacaag 240

aggtcatt

248

<210> 26077
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905259H1

<400> 26077

caccaattta gtttgaagaa tttggctgaa tcactaaaaa cactaggtaa caaggcaatg 60
 caatctaaga gatactctga tgcaattgag ttgtataatt gtgccattgc agtccatgaa 120
 aagagtgctg ttactactg caacagggca gctgcttaca ctcagattaa caaatatata 180
 gaagcaatcc aagattgtct tagatccatt gagaatgatc caaactatac caggcataca 240
 gtcg 244

<210> 26078
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905260H1

<400> 26078

ccggtccctt gtgatttgct cacaaaacca gtgtcgggtca caccatctct cccttttctc 60
 cacctgcaac gatgtcacat taaggagtgc caccaacacc acaagggaaa gaagcacaag 120
 ctctggagac gcattctctg gggaatagtg atcttcgcct tcatcgtgtt actgacagtt 180
 cttataatct gggcaatcct agagccttca aaaccaacct tcatcctcca agcgtcaccg 240
 tttagc 246

<210> 26079
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905261H1

<400> 26079

cccttcatt cactccatt cttaacaccc ccaaacagaa caacggcaga gcaagcagcc 60

agaaaaatgg tgttgctgtc caaagcaaca acagaacaat actcctacat caagaactac 120
 atgccaaactg cattctcttc aacaattccc atagtggacc tctccaaacc cgatgcaaag 180
 accctcatag tgaaggcttg tgaggagttt ggattcttca aagtcacaa catggtgttc 240
 ccattga 247

<210> 26080
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905262H1

<400> 26080

tacaaagggg agcaccatgg tgaacacagt agtgagtaca aaggagagca tcatggtgaa 60
 cacaaagctg gagagtacca tggtagagcac aagccagagc acaaagaggg gttcctagac 120
 aaagatagag acaagatcca tggtagagggc ggcgcgcccg agggcgagaa gaagaagaag 180
 gagaaggaga agaaggagca tggccatgag catggccatg acagcagctg cgagtgaca 240
 gtgat 245

<210> 26081
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905263H1

<400> 26081

gacaaaccag agaacacagg ctctgcttaa tttttgttga ttttgtctgg tctctacgtt 60
 ttgtataaca atttgaattg tacctggaaa aatcgctctg ggtgagagtt gatgctggga 120
 ttctttgctg gaaaaattgg taatgggtga attatctgag attcggatta tttttggtca 180
 aatctacgtt ctataagtgg aattacaatg cttgtttaca tttgagttaa agaccctatt 240
 ttctttt 247

<210> 26082
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905264H1

<400> 26082

ggaattcata ttgagtacat gttccctgat gcggttgagg ttcaggcatt agtaagaact 60
aaggggctct tctcatttta cgaggatggg catcaagagt gctgtagagt aagaaagggtg 120
aggcccttga ggagagccct taagggtctc aaagcatgga ttactggaca gagaaaagac 180
cagtctcctg gtactagggtc tgaaatccct attgtccagg ttgatcctgt ttgagggac 240
tggatgggt 248

<210> 26083

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905265H1

<400> 26083

gccatgggat aggtagatcc agctttcatc caagacctag aacacagacc aaagctctcc 60
ataatccaag ctgcaggaat tcccataatt gagctctctc cagtatccaa ccacacagtt 120
tcagatccat cttccattga aaacttagtg aagcagatag ggagtgcatt caaggaatgg 180
ggtttctacc aagtaaccaa ccatggggta cccctgactc taaggcaaaa cattgagaag 240
cctcaagatt gtcc 254

<210> 26084

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905266H1

<400> 26084

gtaccctgtca agcaccggta ttgacaagtg cgtcaagaaa aacatccaac tctttctcat 60
ccagaaatgc ggattctcag aatccgaagc cttcaccctc cgagttgatc tcttcaaaac 120
ctacggaagc acccttgccg gttaagagc actaggccat gatatcaccg cagaggagta 180
ccatgggttc gtgcacggaa ggctacctta cgactccatc aaccctgatc atcattacgg 240
aacttctct 249

<210> 26085
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905267H1

<400> 26085

aaacaaaaca aggaacatac ctaagagttt gcgagagaga cagagagaga tgaagtggag 60
 tccgaaccaa gtctcatagc tgagagttta ggatcggaat tctgccaccg ttctttcttca 120
 tctcacctac aaccttaacc tcatattagc acaaaattag tttgcttcta tgagccaact 180
 gtcgtgtttt cttcagcttc ataatggctc tgaagggctc atgtgagagg attgttcttc 240
 agaatg 246

<210> 26086
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905268H1

<400> 26086

caccaattta gtttgaagaa tttggctgaa tcactaaaaa cactaggtaa caaggcaatg 60
 caatctaaga aatactctga tgcaattgag ttgtataatt gtgccattgc agtccatgaa 120
 aagagtgtctg ttactactg caacagggca gctgcttaca ctcagattaa caaatatata 180
 gaagcaatcc aagattgtct tagatccatt gagattgatc caaactatcc caggcatata 240
 gtcgtctg 248

<210> 26087
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905269H1

<400> 26087

ggcatttcca tgggacaaca gcatgttgtc ttggcagaga actgcttttc atttccaacc 60
 agagaaaaac tggatgaacg atcccaatgg tcctatgtac tacaagggat ggtatcactt 120

tttctaccaa tacaacccga acggtgcagt ttgggggtgac atagtttggg gacatgcagt 180
 ttcaaggagac atgatccatt ggcttcacct tccactggca atggtggctg gacaatggta 240
 tgaca 245

<210> 26088
 <211> 221
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905270H1
 <400> 26088

atataatccg tgacaacagt ggaaagacca gaaaagtgtg ggaccatccc taacatcacc 60
 ttcacagctt ctaccgattg ctgaaacaaa agactctacc agcaatagcc tctgatttct 120
 tctttcagtt tctttaggtt atggttttct cagaagattg aacttaaaca cgcacaccaa 180
 gaacgacaga cagatcgaag atgggcattg cagtgggacg t 221

<210> 26089
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905244H1
 <400> 26089

attaaatttg tccattccac gctatcgtct cttacacttc cgtgcaacgc agaactttgc 60
 tggcgctactc atcgtgacga aattaaccca acagcacaca gcactttccc caaatcaaatt 120
 catcgaaacc ctaactcgcg attcccgatc gaaaccctaa ctcgcatgg cgatcttgct 180
 gggcgaaatt cttcaatcgc tggagctgtg gctgaagctg atcaagaacc cgcagctcag 240
 ccctacgtga 250

<210> 26090
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905271H1
 <400> 26090

catatttgct atggctccaa tacttcatat atttaaata gaagaatttag ttcgaaagt 60
 gttgtcttct gaagagaatt tttttttttt tggtatcatt catgggtttt tttgtagcac 120
 atgtagtgca agggtcagca ctagcccttt ttggtttatg gcacaccatc cacaccatca 180
 gatcttacct ggtaaagggc cctgcaaatt tcaactgaag attctgggac cagtttaaca 240
 caacc 245

<210> 26091
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905272H1

<400> 26091
 agtaatagga cggccaagaa acatcagaaa ctcaactacc actgttcggt ttagttgtag 60
 aaagacttac cgtgtttaca ttatatgctt atcttgggat cgaactgaag gagaacaaaa 120
 aaagaaagag gtaatctgtt tattggaaat agttagatat ggtataaaga ctacaaagga 180
 aataattttt tctgagataa atgtttttct gcattcacia tgccggacta ggtatttggt 240
 a 241

<210> 26092
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905216H1

<400> 26092
 gtgtgcttca aattctgtgc ggatagttga ggacttggag atgtttgttt ctcaatcgaa 60
 gcatcttaaa gtatcttttg aagaaagagg aacgcttgaa ttagttttga agaattgcag 120
 aatatgggag tatgaagcat gttctgtact agatgatgct cggtgcttat tggataattc 180
 tttgcctgaa ataaacagtg gtttaacttg taaagtggaa gatttgattg aaagaatcaa 240
 tctgctatag cat 253

<210> 26093
 <211> 257

002229-ET-550

<212> DNA
<213> Glycine max

<223> Clone ID: 700905217H1

<400> 26093

caaatccgcc gtgcaaattg accagctcac tatgtactcc ggtgtcttgg gtgatcccag 60
ggataatggg gatttatatc ccggcttcaa cggcgggtgg accgtgaccg gagccaccag 120
caaaggcaac actgacgggt ccagcagtga cgatgggggg gacttcttcg ggatgatatt 180
cagagggtggc agcagcagca gcagcagcag ccaagcagcg ccaccatcgt ccgttctatt 240
tggtcaatct ttttgtc 257

<210> 26094
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700905218H1

<400> 26094

cgggtggcctt tcaacaagct agtaagagaa aaggcccttc aggtaacaat gaagcatatc 60
ctttacgaag atgaaaatag tcgatacata accattgggt gtgtggaaaa ggctttatat 120
atgcttgctt gttgggtgga agatccaaat ggagatgctt tcaagaagca tcttgcaagg 180
gttccagatt acctatgggt ttctgaagat ggaatggcca tgcagagttt tggtagccaa 240
ggtgggatgc tagtttg 257

<210> 26095
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700905219H1

<400> 26095

cgcaattaca caatctctct ctctgctcgt gagctttcta cggtttcgat tcgatcattc 60
ccctcttggt ttatggaggt ataggtagat gatgggaaaa cgtgtctcaa gagagcactt 120
tcaaccagg ccgtgttctg ggaagacaga gaatttaaaa aacaccgtgt ttattgatgt 180
agatgatcaa gttgatgatg tggatgtggt gatcatagat taaaagagt tcatgtctaa 240

acacatggat ctg

253

<210> 26096
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700905220H1

<400> 26096

ctcttgattt gaaggttggt ttgtgcttat agataaaagt tctgccaaat caagaggggt 60
tttcagatca tagtgtgtgt gtgtgtgtgt taaacaatgg ctaagttctt tgctgctatg 120
atcttggcac tcattgccat ttccatgctt caaacagtgg ttatggctgc taatgagcaa 180
ggaggccact tgtatgacaa caagagcaaa tatggaagtg ggagtgtcaa gctggaacaa 240
tgcccatcac a 251

<210> 26097
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700905221H1

<400> 26097

caagaacaac tctataaaca tatatcactt tgttctcaac ttttcacaac atatcctaag 60
aatcttcctt ctctctctct ctctctctct ctctctcttag cacaaccac acacacaaag 120
ttgcatcaag atcaagatca gtcttattat actattacta ttactttcca catcaacaga 180
gaggcgctcc taccacacga ttgttttagc caccatgtgt gtgaaggacc aagagagaat 240
atgatggata g 251

<210> 26098
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905222H1

<400> 26098

attaaatctc tcttccccct ctctgatct tagatctcgt ctgacactac tcttaagatc 60

ttctgccata aacctccaaa cccttctctt atccattgct ctctttggcc actgagatca 120
tagacacaac tctgcatat tcaatctttt atttgctttt acagctatat ttgtttctga 180
atcatgccac acttttcaag tccaaacgca ttcaactagg attttcaagg tacaaatacc 240
tacacgctc 250

<210> 26099
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700905223H1

<400> 26099

atggactctc ccaacgcttt gtctaccgct ccggcagcgg gtagtaggaa gaacgcgacg 60
ctaatttgcg tcccaataat gggagaatca gttgaaaaga tggagattga cgtggacaaa 120
gcgaaagccg gaggcgcgga ccttggtgaa attcgattgg attctttgaa aacctttgac 180
ccctatcgag atctcaacgc ttctattcaa caccgttctt tacccttggt gttcattaca 240
ggcccaaa 248

<210> 26100
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700905224H1

<400> 26100

agaagaaaaa caaaaccctc actgagcgct gctgctttga gagagagatg gctccgaacc 60
ttgaatgtcg tatgtacgaa gcgaagtacc cggaggtgga catggcggtg atgatacagg 120
tgaagaacat agcggacatg ggggcgtacg tgtcgtagct ggagtacaac aacatcgagg 180
gcatgatctt gttctcggag ctctctcgac gtcgtattcg gagtgtgagc agcctcatca 240
aggttggccg ca 252

<210> 26101
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905225H1

<400> 26101

ttcacttcag aagttccctc tctctctctc tctctctctc tctctgcact gagcttgaga 60
agagatatat tcaaaagaga cagatagatt cactgagaaa cacgatgcg tcattgcctt 120
cttcttggtt cttcacaacg cttctactat gcttcttctt acatgttact tttgcaggtg 180
acccttatgt tttctatgat tggaccgtgt cctacacctc agcctcccca cttggagtaa 240
acagaaggta 250

<210> 26102

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700905226H1

<400> 26102

gcggtccttc cggaagaaca tgtagctgt acaaaagagc gtcggagaag agaacgagaa 60
gaacagcagc agccctaattg caagctttgt caaagtttagc atggatggag caccttacct 120
ccgcaaagtg gacttgaaga tgtacaagag ttaccgagag ctctctgatt ctttaggcaa 180
aatgttcagc tccttcacca taggcaattg tgaatcccaa ggaatgaagg atttcagaat 240
gagagcaa 248

<210> 26103

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700905227H1

<400> 26103

gttcttgtga tgtagatc attgacacct caaaaacatc acaaggaaat tatgtacaac 60
ttagacctgc attgagcata atttccttgt gatgttcttg tgatgttgaa atcattgaca 120
cctcaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaagggg ggccccaga ttagggactc 180
tgcgggccga gaattttatt ggggccgggc ccttgagggg gatccatttt 230

[illegible]

<400> 26104

<210>	26105
<211>	250
<212>	DNA
<213>	Glycine max

<400>	26105
-------	-------

<210>	26106
<211>	105
<212>	DNA
<213>	Glycine max

<400>	26106
-------	-------

10700

<210> 26107
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905231H1

<400> 26107

cttttggggg agagtgagtg agagtaaaaa gatgtttctg cgtgcggtgg cgcggccgtt 60
 gatggcgaag gtgaaggctt cgacggggat cgtggggctg gacgtggtgc cgaacgcgag 120
 ggaggtgctg attgggctgt acagcaagac gctgaaagag atccagaagg ttcccgaaga 180
 tgaagggtag cgcaaggccg tggagagctt caccaagcac aggctcggcg tgtgcaggag 240
 gaggagga 248

<210> 26108
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905232H1

<400> 26108

gtcgaacagt caactcagaa ctggtacgga caaggggaat ccgactgttt aattaaaaca 60
 aagcattgcy atggtccttg cggatgttga cgcaatgtga tttctgcca gtgctctgaa 120
 tgtcaaagtg aagaaattca accaagcgcy ggtaaacygc gggagtaact atgactctct 180
 taaggtagcc aaatgcctcg tcatctaatt agtgacygc atgaatggat taacgagttc 240
 ccactgtccc tgt 253

<210> 26109
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905234H1

<400> 26109

cttgagcttt tctttcttct tctgctctct tttcttttag gtttccactc tcacacactc 60
 tccctcttct ctttctctgc aataatctct cttctcttct tcaactctct aactcctgcc 120
 aaaccccat ttccgcagtt cttaaatttg gcgtctgatg tctccgcoat tgctggttac 180

cgaagatgaa gggcagtgcc atgcctcgat ggtagcatct gcattcttcac catccctgaa 240
tgtttctccc taaatg 256

<210> 26110
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700905235H1

<400> 26110

gtctgtcttg cgcattgtct ctactcacct ttgtagtccc ggccgtcaaa ataccattc 60
ccatgcgctt tctctctctt tcttctcttg ccccccaaaa aaatgaagcg cttcatgctc 120
ccaagaaacc ctctcagcga cgcagcagag cttcttctt cgccaagccc aaccccaact 180
accagctttg ccaaactccg tccctcttct cacaacaca aaccctcaa agagaacgac 240
ttccctccga tcccaat 257

<210> 26111
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700905236H1

<400> 26111

acaggaagga gttcaatgta cctcaccggt catcaccaag acttgctgga agtaaactg 60
tccagttggc caacaatgtg atgaatgaac agactctcca ggttcctaaa agaaacttga 120
ggaaaagtag aaacactcta gatattgata tttctgaaga ccaaacagtt tctaaggaaac 180
aaccgcatca gcaagaagca gataaaatag aagacaaaaa gccagaaatt caaattagct 240
caaacaaatc aagt 254

<210> 26112
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700905237H1

<400> 26112

acaggaagga gttcaatgta cctcacccgt catcaccaag acttgctgga agtaaacttg 60
 tccagttggc caacaatgtg atgaatgaac agactctcca gggtcctaaa agaaacttga 120
 ggaaaagtag aaacactcta gatattgata tttctgaaga ccaaacagtc tctaaggaaac 180
 aaccgcatca gcaagaagca gataaaatag aagacaaaaa gccagaaatt caaattagct 240
 caaacaatc a 251

<210> 26113
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905238H1
 <400> 26113

cctcgctcta tttctcagtc tctgtgtttg cggctgagga ttccgaacga gtgaccttct 60
 ttgtttctcg caaagtttaa gtaatcatgg gtaaggaaaa gggtcacatc aacattgtcg 120
 tcattggaca tgtcgactct gggaagtcaa ctaccactgg tcaattgatc tacaagcttg 180
 gaggtattga caagcgtgtg attgagaggt tcgagaagga ggctgccgag atgacaagag 240
 gtcattcaa 249

<210> 26114
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905239H1
 <400> 26114

ctaattgtgt cttcgactct atcgctctat tctttcctca caatcagctc cacatttttc 60
 aaatcccaat ttggcctcc tcccttcccc tctcgctggg tggcgtgtca cgttggatcc 120
 aattccaatg ttcaaaagca cgttgccacc gacctcaagt tcgtcctcca cgacgccctc 180
 catgactctg gaatcaacac cactcatgcc agagaagcta gcgagcattt ctgctcacia 240
 attaggagat 250

<210> 26115
 <211> 130

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905240H1
 <400> 26115

gtgatgatgg aattggaagt tgacgagaac gaattgaaag ctgcaggtgc tgagatattc 60
 gtagacggtg gtgggagcgg catacgaatc aatggttggg tgatcgagat taggaggaac 120
 tccataactca 130

<210> 26116
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905242H1
 <400> 26116

cttctttatt ccttttgtaa ttccattcat tcttaattctt tgtgaaaaat aatgttcattc 60
 gagaatttta aggttgagtg tcctaattgtg aagtacaccg agactgagat tcagtccgtg 120
 tacaactacg aaaccaccga acttggttcac gagaacagga atggcaccta tcagtggatt 180
 gtcaaaccga aatctgtcaa atacgaattt aaaaccaaca tccatgttcc taaatagggg 240
 taatgctt 248

<210> 26117
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905215H1
 <400> 26117

caaaatctac catagcgggt ccattttctg aatttctcga gcgaacttcg cccagttcta 60
 gggttcccca ctgcatgta ccaggccgaa ttaacctccg aacaggttct gaggagggac 120
 atcccatggg agacctacat gtccaccaag ctcatctcag ggacgagcct tcagctctta 180
 aggcgctacg atcaccgacc agaaagtcac agagcacagt tgctcgatga tgatggctct 240
 cttatgttcg c 251

<210> 26118
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905175H1

<400> 26118

gcggtgcgtt atggaggaat gatcggagta gcagccatgc ccagtggatg tagcatcaga 60
 gcaatatgga ttctcaacaa cttgacggc gtcgtttttt cccggagggtt tccggtggta 120
 gagaagcgtt ggcgagctgc ttgcaactca aacgccca atgataccca tcaaattcttc 180
 tcttccttac ccactgactc cgacctcgt gatgcttttc tcgaccgaaa gcatagggag 240
 ggatctgcac gagga 255

<210> 26119
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905176H1

<400> 26119

gtgaaaaaac gtttacaata atgagtcttg gtcaatttat ttgcgaaaat gtatgtatag 60
 ttcaaacgaa aaatgcacca cacctaaaat cgggtcaa at tctaacagtt caaatggatt 120
 ctgtaggaat aagatcggct aacccttatt tggcgactcc tggagcaacg gttcatggcc 180
 attatgggga aatactttct gaaggagata tattagttac atttatctat gaaaaatcga 240
 gatcgggtga tataaca 257

<210> 26120
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905177H1

<400> 26120

gaagaagtga atgctggtgt taaagagatg ctggaacta atcactta at ttggaagcaa 60
 tactataata aggaaaagga cttgactat actcaagagc atagtagata tttggaggct 120
 ttaaggccca gcagcctatc cttgatgaat caactccgca tttatttgcc cgagctcttt 180

ccagatctca aaaagatagt attcttggat gatgatgtag tagtacaaca tgacatatct 240
tctttgtggg aactaga 257

<210> 26121
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700905178H1

<400> 26121

ctccacaatc ctttctccgc ccaccgcacc gcctccggcg ccattcttcgc ccgcggcgcc 60
caggacgaca aatgtatcgc tattcagtag ctggaagcca tccgcaacct caaatcccaa 120
tccttcactc cacaccgcac aatccacatc tccctcgtcc ccgacgagga aatcggcgcc 180
atcgacgggg ccgccaagtt cgtggagtcc gaggaattca acggactcaa cgttggattc 240
gcgctcgacg aggggcagg 259

<210> 26122
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700905179H1

<400> 26122

gttgccggct ccagcaacct ctgccaatct ttaatgggtg tgattgattt ctacaacact 60
ggtgctttgt gctgggttaa gtccaacgcc aatctgaagc agcaagtggg tttggcacca 120
agaccattt gttcatttga ggggaataat cagaggaagt ttgtggcaat ggcttctacc 180
gttcctgtgg agcaagtcaa caatggcccc ctgcaggtga caggtgactc cttcatcaga 240
gagcatctga ggaagttggc t 261

<210> 26123
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700905180H1

<400> 26123

gttcctttgt caataagcaa gaccaataca ctgtggaagg agtgcagaat cttggagaca 60
aagcagtgat gtgtcatagg ctaaatttca gaactgcagt attttactgc catgaagtcc 120
gtgaaacaac agctttcatg gttccattgg tggctgggtga tggaaccaa actcaggcac 180
ttgctatttg ccactcaaat acttctggaa tgaatcatca aatgcttcat caacttatgg 240
gagttgatcc tggaactaac cct 263

<210> 26124
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700905181H1

<400> 26124
ctctcttcaa attttgttcg ttcaggtaa agaaagtgtc actgttgta ccatggccga 60
ggaagttcca aagacaagca caactccaga ggaggtgggtg gtctctgacg tggcacctgc 120
tgacgagaaa ccagacacca ccaccgacgt tgttgttccc gtagagaaag acgcacaaca 180
agaacaagaa acctcgccag agaaggagaa agagaacgtt cccgaaacag ctgaaaccga 240
gtccgaggtt gtttcaaaac caa 263

<210> 26125
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700905182H1

<400> 26125
cagaaataga atcatctctc tgtctagggt ttcattcttt ttcagcttta tttgttctgt 60
agatccatct agcttcgggtg ctgcaaatgg acgtcgcagt cactgccgtt cggtcaccgc 120
tgatcgtcct gggaagtccg gtcaacgggt ccgcctcagc tcggttgggt tccacttttg 180
ggttttccag aaagtattta tcccgaagca agttcgtaga agaggggttg ttgttagagc 240
tgcacctca tctccggag 259

<210> 26126
<211> 259

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905184H1

<400> 26126
 cctcgatcca ccattctcaa tctctctccc taatccctat tcacatttca caatctcaca 60
 ctaccaaat tctcacattc caaaacgcaa ctgcgacacc gccgacgagg ttgtcgtttc 120
 cacgttttcc cgccacccac attcccgatc aagttgccgt tttgatgcct cccacgcgcc 180
 cctacaaaaa aacgaatcgt gggtttgggt tcccagcgat tagcatcaaa tgcagctatc 240
 gaaacgaatc gtgggcccct 259

<210> 26127
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905185H1

<400> 26127
 tctgcttccc ctggcaacct tcttcttagt tctctccgct tcttatctcc agattgctgg 60
 ggcgaaagca caaccgttga ctagtctcaa gcttaactct ccgattcctc aggagtctat 120
 tgctaaagag atcaatgaaa atcctgaggc aggatgggag gctgctataa atcctcattt 180
 ctccaattat acagttgaac aatttaagcg ccttcttggg gtcaaaccac cgctaagaa 240
 ggaactgaga agtaca 256

<210> 26128
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905187H1

<400> 26128
 aacatattct tcagtttagt cccccaacct atacacttca ccaccacacc acaaccctac 60
 cctctctctc tgatcatggtc attggaggag ccttccctcg ttctgacca atcaccaa 120
 gtagcaccca agaccgctcc aaccagacca tcgcctcgga cctcgatggc accctccttg 180
 tctcccgag tgcttctccc tactacttcc tcgtcgccct cgaagccggc agcgtcttcc 240

gagccctcct tctctta

257

<210> 26129

<211> 154

<212> DNA

<213> Glycine max

<223> Clone ID: 700905190H1

<400> 26129

tccaattccc tcaccagaac acgggcagag ttgttttccc tttcaacaac attcgccata 60

gtttcgcgac gaagagaaaa aaaaatgggg tgtaggggtt tcgattctct gcgacgctct 120

ccgcattgcg ctaccctgca ccttccacac aata 154

<210> 26130

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905191H1

<400> 26130

tcgatattcg aggtggactg ggcatagatt acgacgggtc caaatcgtgt gactctcata 60

tttccgttga gtacagtctc gaggattatg cagtcgcggt tgctcacgcg gttcagtgtg 120

tgtgcgaccg aagtccttga aacacccagt tatctgcagc gagagtggga gagccatcgt 180

gtctcatcat tcggtcttga ttttcgaggc gggtggcacc agcagcacca ccgggggagg 240

agcttcccct gca 253

<210> 26131

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905192H1

<400> 26131

tcactcttct tctcttgcgg ctagggtttt agcgcacttc ttctagattt aaggaagatg 60

ggtaaggaaa aggttcacat cagtattgtg gtcattggcc atgtcgactc tgggaaatcc 120

actaccactg gtcacctgat ttacaagctt ggaggcattg acaagcgtgt tattgagagg 180

gcttacagta atatgggttcg tggttcagcaa cta

213

<210> 26135
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700905201H1

<400> 26135

gagagcagta gctccaacac cttcccttat actattagaa cgaaacctta acaaccaagt 60
caacaaccac cttccttaaa aagttgatta tcacctagtt tttttttttt taattctctt 120
tccctttccc tgtaatcatc atcaaccact tggtgaaagg aagcatccct cccaatgaga 180
ccggcattag ttaaagggtg gctgcagag tatggtactg atagtagcag tgtgtaatgg 240
actccccatt ttccttcaat ttaac 265

<210> 26136
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700905204H1

<400> 26136

gcgagagttc tgagaagaaa agagaagatc ggtgagtgag gaagcaaata gcaatagcac 60
cgccaccgtc accactgcc a ctgccactgc cactagcaac agcagaatgg gaaccttggg 120
cagagttttc tacgccgtcg gatcttggat ccgcgagacc ggccaagcca tcgatcgctt 180
cggctctcgt ctccaaggca actacctctt tcaagaacag ctgtctaggc atcgacctct 240
gatgaatctg ttcgacaa 258

<210> 26137
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700905206H1

<400> 26137

ctgcattcgg tgctctccgg tggggctccg ttgagcaagg aggtcataga gggctttgtg 60

gccaaagtatc ccaacgtcac catccttcag gggtatgggt tgacggaatc caccggcggt 120
 ggggcctcca ccgactcctt ggaggagagt cgaagggtacg gcacggcggg gctcttgtct 180
 ccggccaccc aggctatgat cgtcgatcct gaatccggcc aatcgcttcc ggtaaacgca 240
 ccggggagct ct 252

<210> 26138
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905208H1

<400> 26138

gcaagtgttg aagataatac tttagttagc aaggaagagc cactagcatt tgattctgat 60
 gaacgagatg ccaagaggcc aaagcttatg aatgcagggtg gtccaagtcg cagattcact 120
 agaagcatga taaaaagaac gtgtaatgtc gtgtaaatac tgttataacc accctgctgc 180
 tactaacact atttacacga cattacacgt tctttttatc atgtaaatag tgtagtagaca 240
 gcagggtggt tata 254

<210> 26139
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905209H1

<400> 26139

accagatata aagtcgcagc tgaagtgaag ggggtgttata attgcgcttt tgtgttgata 60
 tttaagggtat cgagatcttt tttatgggca ggattcatca actgcagaaa acctccatac 120
 catcaacctt cctatgcttg tttgtattaa ttaactgata ataatactgt atgggtttggt 180
 acttgctaaa taaaaagaaa agataaataa ggtatcgaaa atcagggg 228

<210> 26140
 <211> 254
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700905210H1

<400> 26140

ctaggtagtg attccttgca atctagtgcc attgcaagag gttctgtcat ggattatcca 60
 caagcaatta ctccattaca cccttatcaa actactcctg tgaggaattt tcttggacat 120
 aacacacctt ggatgtccca aacccccctt cgaggaccat ggattgggtc tccaactcct 180
 gcacctgaca atagcaccca tatttctgca cctggnnctt cagatacaat taagctaggt 240
 tcagtcaaag gatc 254

<210> 26141

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700905211H1

<400> 26141

cttagtttct ccaaaccxaa actttcacca cagggacctg tcagagttag ttaacgtttt 60
 tacatcatca ctgtgtgaag ataatataga tatggaaatc tcccatgaca tcaagatcaa 120
 ggatgacaag ctaggtggtg tgaaggaaga gaagattaag gtagaagttg aactgaagaa 180
 taaatcagtt gagaaagagc atacaaaaag taaagaagag aagaaacata aagatgagat 240
 aaatcaaaga aa 252

<210> 26142

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905212H1

<400> 26142

tataaattca attaagcagt tgatgccctg atcccgggaa taagataact ttctcttcca 60
 ggtattcact catccctctt cagtggcaag agtgagtaga tagcagaagt tatttcattc 120
 ctcatctctg ggatattcgt taagtttgcc cattaggggt ctttctcacc ggtgctatca 180
 ataagaagga gccttttccc tgggtaggct aagccagaaa agagagaaag agaaaaagag 240
 ttaaaaggct a 251

<210> 26143
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905174H1

<400> 26143

attcaactta agagatcaat atggccacca ccactaccca gcctccctct aatatctgtt 60
 ttttccttct gttgttgctt ctagcacact ttcatttggg cataagccaa cttgagctga 120
 attactactc taaaagctgc caaaagctg aagagatcat caaggaacaa gtcacacaac 180
 tatataacaa gcatggaaac actgccgttt cgtgggtcag aaatctcttc cagcattgctg 240
 tggttaagtc atgcgat 257

<210> 26144
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905134H1

<400> 26144

tgggagcttt tcctccagtt gacttacgag cagtttgctt tgcttgcat gcaagaggct 60
 gctgaggcat accttggttg gctctttgag gacactaact tgtgtgccat tcacgccaag 120
 cgtgtgacta ttatgcccaa ggatattcag ctggcaagaa ggattcgtgg tgagcgtgct 180
 tgagttggtg cgttctgtgt ttgtgaagat ggattgttgg tggctgcgga tgggtgttttg 240
 ttactaagtt ttctttttgt tgaag 265

<210> 26145
 <211> 58
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905135H1

<400> 26145

tcaacttgct tgactcgttg aatcaaccaa gtcactgatt cgaaatccac tcaaacca 58

<210> 26146

<211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905136H1

<400> 26146

ggcaaggacc agcttctgaa ctttctttgc gacgcggcgg cgaagaccgc gatgtggagg 60
 agaggatccg aaaggcggcg gatggagatc cggcgcaccg gaagatattt gtccacggat 120
 tgggctggga cactaccgcc ggaaccctaa ttagcgcgtt ccggcagtac ggagagatcg 180
 aggactgcaa ggccgtcacc gacaaggctt ccggcaagtc caagggtac ggcttcatcc 240
 tcttcaagac gcgccgcggc g 261

<210> 26147
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905137H1

<400> 26147

gtttttactg gattttgtta aataatatgt atggttttta ttgacaatcc cgtgcagggc 60
 tctccagttt caattcagtg tttttgaaat tagataaatc ctactgatta tttattttgt 120
 atttatgttg ttatttcaca tgctgcagtc atggatgaat tttgtctcat acataagttg 180
 tagctttgaa gtggtgtagc ttgattgttt tgaattaact ttgcattttg ttactgaatt 240
 actcagatgc tcttttttat c 261

<210> 26148
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905138H1

<400> 26148

gagggatcag cctctcgtga tcaacatggc ttgatctcca caagattatc cctttgacac 60
 ttcaagtact accaacattg attaaatcag actagtgaat tgcataaaga aaaggactca 120
 gctgacaatc aagtggatac attttctgag ccagtcattg ttgagagatt tcatacactt 180

atggagattg acaatctgca tcttgaacca gattgggatc cgattgctga acttgatagc 240
atcttatctg atagttataa tat 263

<210> 26149
<211> 165
<212> DNA
<213> Glycine max

<223> Clone ID: 700905140H1

<400> 26149

ggagattata taaactagag gaggcaatta caaggagtga caatgttcaa ggaactttat 60
catattgcct ttacatctct cattcctttg taaaccttag gtagtacaga caggagggttc 120
tccgtctcct tgttaaagta tttcaaaagc ttccttcacc agttt 165

<210> 26150
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700905141H1

<400> 26150

gcttccacaa cccttctccg actagaagaa gttcagagac aatgggtttc aacaaaagtt 60
accttctttt caccgtgtcc ctctcatttc tcttctatc caccatgcc atcagcagca 120
ttattgctcc ttctccctcc ccattcccaa cccacaccaa caccaaaacc aaaaccatag 180
actccatctt caagaaagcc ctctcaaaaa cccaaaacat gttaaaatca cccaacccca 240
aggtcctaga cttctgcaaa tccac 265

<210> 26151
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700905142H1

<400> 26151

cccatggcca ccacctccgc attcctctc ctccgctcc tctgctgct ccacctcgcc 60
atcgccgctc acggcatcgg catcaactac ggcaagctcg gcgacaacct tccaccgcc 120

gcggcgtggc gaacttcctg aagacgaaga cgaccatcga ccgcgtgaag atctacgacg 180
tgaacccgga catcctgcgg gccttcgcgg gcagcggcat ctccgtgacg gtgaccgccc 240
ccaacggcga catcgccgcc t 261

<210> 26152
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700905144H1

<400> 26152

tctttctctt tctaagctct gaccccaatt tctgtggcgg ctctctctct acttattttc 60
tcttctgaga ttgagatttg gatccaccct cttcccttc tttcggctct tgatttgatc 120
ttttccttac ctttctttgg gtttgggtct gggctctcag cttcaacttc aacaacaaca 180
ccaaatcgct atgggtaccc aacaacagcc acagccacag cttcagggtc agcctcagca 240
gtcgacacca ccctcttcac aa 262

<210> 26153
<211> 264
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700905145H1

<400> 26153

gagaaggcta aaaaaggcta ttatggcagg aggaggagct ccagctaaag cagatgagcc 60
acagccacat ccaccaaagg atcagttttc anatatttct tactgtatta ctagtctctc 120
tccatggcct gaggccatac ttcttggttt tcaacatttt cttgtgatgc ttggcacaac 180
tgtgttgatt ccactgctc ttgttcccca gatgggaggt ggcaataatg agaaggcaag 240
agttatcgaa accctgcttt ttgt 264

<210> 26154
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700905147H1

<400> 26154

gttggtttcg gtgggtgaat gatcatccga agaggctcag gaaaaggaca acttcgcaac 60
 tcgtgaatcg attactgtag aaatcgtcga ttctatctta aaacgtattg ggcaactggcc 120
 gccattttga attctgggtg agggattgaa gtgcgattat aggtggagga ggatggcttg 180
 taggggatgc tgggaatgcc ttttgaagct tttgaacttc atattgaccc ttgctgggtct 240
 ggccatgggc ggctatggga tttat 265

<210> 26155

<211> 66

<212> DNA

<213> Glycine max

<223> Clone ID: 700905148H1

<400> 26155

cacacagcac gagggccaat caatggatcg ccgtgtccaa ctcccttgct ctaacgacgt 60
 cgtcgt 66

<210> 26156

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700905149H1

<400> 26156

gcatcaatgg gccaaaagaa aagttagatt ccaccgttat tagccagcct gctatttatg 60
 tcacaagtct tgctgtata gagtacttc gtgcacgtga aggaggtcag cagattattg 120
 actcagttga tgttacatgt ggtttaagcc tgggagaata tactgctctg gcatttgctg 180
 gggctttcag ctttgaagat ggactcaagt tgggtcaaact gaggggagag gccatgcagg 240
 atgccgctga tgctgctaga agtgc 265

<210> 26157

<211> 116

<212> DNA

<213> Glycine max

<223> Clone ID: 700905150H1

<400> 26157

gaaaaaaaaa aagagagaga agatgacgcg gggaaagcag aagatcgaag cgcagaagcg 60

aaacgcagag aggaatcaga agggaaaggg ctctcagctc gaggccagag ccgttg 116

<210> 26158

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700905152H1

<400> 26158

aaagaataca aaccttgtct ttgaaccagc tcaaggagct tccaccccag ttcattccgctc 60

cagccaatga aaggcctgag aacaccaaag ccatagaagg tgtcattgtg cctctcatct 120

cactgtctca gtcacatcat cttttggtga aggaaatagc tgaagctgct tctgagtggg 180

gatttttctgt cataaccgac catggtatgt cacaaacatt gatccaacgt ttgcaagagg 240

ttggtaagga gttctttgcc ctcc 264

<210> 26159

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700905153H1

<400> 26159

gtggaatddd ttttcgttcc tgtgaagttc cattccatat tctgggtatg ggtctataaa 60

acaagcttcc aaattggaga gaaagtccca aacttttcgg ttcaattttg agttttcgca 120

attgggtctg tgatcttcat gtgtgggtga gcaagggttg aaaaaacttt ctgtgatcgt 180

gattttggcc ccaacttcaa ttgtggctgc atccgctgta atttggtcac aattttccgc 240

aatatcaaag gatcgtgacg ac 262

<210> 26160

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700905155H1

<400> 26160

atcagaggat tgcgtccaac ccctatcgag taaggtatta tctgtcaatt tacattcgaa 60
 agggtttaggc tattgaattt taaataatta cagataaaat aatcgatagc tttgatttta 120
 aaaattaatc ataatcatcg gttagggttgc aacataatac ttaattcgct taatttttta 180
 actgcgcctc agagtattca taacatattc tattaaatta ataagctggt gatgtaatta 240
 atattaatat gtagttttgg c 261

<210> 26161

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700905159H1

<400> 26161

agctcactat tactgatgat gatgtgatag agaagagtaa ctttaagcaga cagttccttt 60
 tccgtgattg gaatattgga caggccaagt ccacagttgc tgcttcatct gctgcagcta 120
 taaatcctag ttttaatat gaagctctac aaaatcgggt tggttctgaa actgagaatg 180
 tgtttaatga taccttctgg gaaaacttga gtgtcgttgt aaatgcactg gacaacgtta 240
 atgcaagact atatgttga 259

<210> 26162

<211> 165

<212> DNA

<213> Glycine max

<223> Clone ID: 700905162H1

<400> 26162

cgggtggggt ctgttcaaca ttctgcagcc ggcgctgaac caactgaacc gcatgcgcag 60
 accaaaggcg tgatcattgg gttggggctt ggcggcttgg ctggcttggg ggctgcgccg 120
 catgcatcgg cggcggcggc ttctgaagtg gcggcgatgg ctgaa 165

<210> 26163

<211> 198

<212> DNA

<213> Glycine max

<223> Clone ID: 700905164H1

<400> 26163

ctcttcctta aaaaccccaa acgcataaaa aacacagaga cagtgttctt agcgccgccg 60
 ttgccctacc atcttcatat tattctattg cctttctttc acgtttttct gggtttttaag 120
 cccttcaggt gccctattta cgcttatacc cttctgggta tgatagcttc cattcggcgt 180
 cagcatagag ccgaagct 198

<210> 26164

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700905165H1

<400> 26164

tcgtgttgta acttctctct tcaaccctag cttagggttt atgctctaaa accctccctt 60
 ttcagggtta ttgggagaga aaaatgctcg tattgtttga aacacccgcg gggttttgccc 120
 tgtttaaagt gctggatgaa ggcaagcttt ctaaagtga ggacttggtg agaactttt 180
 ccagtgcaga tactgctaga cagggtgtca agttgaaagc attttctaaa tttgagaaca 240
 cttcagaagc tctagaggca gct 263

<210> 26165

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700905166H1

<400> 26165

gccctgttcg gaaaatacga gctgggccgc gtcctcggct gcggtgcctt cgccaaagtc 60
 cactacgcgc gcaacgtgca aacggggcat agcgtggccg atggcggtgc ggtggaagaa 120
 ggagtgtggg gtggagtgg aagggatgaa tgggaggttt gggattgggg tggaggttta 180
 ccggctcacg gcggagctcg cggtggtgga ggtaaggaag aggggcggcg acgccgtggc 240
 cgcggcagtg aggggtgtgt gg 262

<210> 26166
 <211> 118
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905167H1

<400> 26166

gttcttgatt gtaggataac attggagtta cggttgattgt ctgaatgtat ggtatacttc 60
 catacagacc ttggtgatcc cttctttgggt tgttactgtg atatgtagat agtagatt 118

<210> 26167
 <211> 199
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905168H1

<400> 26167

gtcattttcc cttttcagct ttcattgggtg tggcctagct gttttctcaa tgagaaagcc 60
 ttcattctctg caaagcgcac ttttgcgctt tggggttccc ttgttgcttg ttatcacctt 120
 ctgttatgct acttctactg ctgcagcaac aactcaagtt tcaggaatg aagagctgcc 180
 aaagacaaac ctaaattggg 199

<210> 26168
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905169H1

<400> 26168

aacctgagaa acagcaccac ccttccttcc ttccttcgag aaaagaaatg gaagacgtga 60
 taacagaagc agcaccacca tcaaggttcc tggaagaaga cctaaacatc ttcacacccc 120
 catccccacc tctccccaca cccttcctca tcttcccaca caacaaacta ccctcaaac 180
 cctctcttct catcatcgcc ctctccccct cttccctcgc cctcttcaac caaacccaa 240
 ccctaaccct aaccctctc g 261

<210> 26169
 <211> 257

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700905170H1
 <400> 26169
 agagagtgtc tgactccgag tctgtctttg ttgcgtttcg agtgtctgtg gaatccctaa 60
 ccctaattta ttgtgtggcg aaatgggata aattggggta ctcttggtgg ctgaggtgat 120
 accgtacctg gagcaagagc tggacaagcg ctacaagctg tttcgggcgt atgatcagcc 180
 gcgacgaggc caggttctaa gccagcacgc gagctcgatc cgtgcggtgg tcggaaactc 240
 gaacgccggc gccgacg 257

<210> 26170
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905173H1
 <400> 26170
 catagtcatt tctcagagtt cgctcgggaa gatgatgatt tggaaagtct ggagagagat 60
 gttagtgaag aatctggctg gaaacttggt catggtgatg tttttcgacc gcctcgcaac 120
 ttagttattc tttcagctgt tgttggcaca ggtgctcagc ttgcgttgct ggttcttctt 180
 gtcgtcttgt tggctattgt tgggatgttg tatgttgggc gaggagccat catcactact 240
 ttcattgtgt gttatg 256

<210> 26171
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905133H1
 <400> 26171
 ctggttcaga acatgaaatt gaagatcatc cttctgaatc agcagctgcc acaggcacia 60
 gtcagagaca ggacaatctt ggcaatcttg ctttggtgac tagcaatcca agtgaagaaga 120
 tggataataa gcttgtttat gtgacacacc gtggtatacg gagacgctgt ctagattttg 180
 aaatggccag tgtgcaaagg aggaaccacg ctgataattc aaacaccaac tcaagtacag 240

caaaatctga ggagaggaat gtttagtaatg aa

272

<210> 26172
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700905090H1

<400> 26172

tgttgatga gtttttgaag cctaggattg cggatttcgg gcttgctaag cttgtccaag 60
ccaacgttgg caaggattcc tccactcgtg tcattgccgg aaccacggc tacattgctc 120
ctgaatatgg ctacacatac aaggatgaacg agaagagtga tgtgtacagc tttgggttgg 180
tgttgatgga gtttagtaact gggaaaaggc caattgaacc ggagtttggg gaaaataagg 240
acata 245

<210> 26173
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700905092H1

<400> 26173

gagcaagatg tgctggatcc acctgaagat tgtttttcgca taagggtgat cattactctg 60
cttgaaactt gtgggcatta ctttgatcgt ggctcttcta agaggaaact tgatcgattc 120
ctaatacact tccagaggta tattttaagc aaaggggcac tgcctctgga catcgaattt 180
gacttacagg atctgtttgt ggacttgcgt cccaatatgg ttcgtcacia ttctattgag 240
gaagtg 246

<210> 26174
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700905093H1

<400> 26174

cttgtctgtt cttatcttca tcttacgcca atagcccaaa accttgttct ctttttgtgg 60

ttcatttctc tcttccagat gccacttgcc gttcttcacc ctcacgattt tctcaggaaa 120
 aacccatcta accagtagca gaccataatc cctcactctc ccaacatgaa tcttaataag 180
 tctcatcgga cttcccgaag ccgtaagaag cggcccgatc caagcccaca aggcgttgct 240
 agccc 245

<210> 26175
 <211> 75
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905095H1

<400> 26175
 aacactcatt aattgcaaga atggcacttc gttgcttggt gatgtccctt tctgttctct 60
 tcactcttgg tcttg 75

<210> 26176
 <211> 189
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905096H1

<400> 26176
 cctgtttctt gcactcatag cattgtcagt aggatgatga tcaatgagga gcttcatgca 60
 agctgggacc agccaactgg gtgcattctt ttccaagatg ttgaacactc taggctgcag 120
 gccttgatcat tccagttgac agagaaatta tctatccttg cagagagtaa tgaaagagca 180
 acagaggca 189

<210> 26177
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905105H1

<400> 26177
 cttggaaaga gaaagacaac aaacatgctt gcattctata taattgtcat ttacagctga 60
 ccacgacttt gagcgaggag ttggtgtttt tagcttggtt gataaaccga gcacatgaaa 120

aagaagcttg aaaatTTTgc attatggttg gttgagtgag ggctggTTTT tttagatatg 180
 taaatTTTtac tgacacacgt tgatattgag atgtacagac gaaattaact tataccacta 240
 caaagattgt aattacc 257

<210> 26178
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905107H1
 <400> 26178

gtgccctccc tctttctagc tatttccttc tcttaacaca attaacaaag atatatcata 60
 tcatatcaac tccaaatgat gaaaaatatt ggggttgtttc ttcttggttg ggtggctact 120
 tttgtggttg cagccacagc tggtagcttt taccaagact ttgaaataac atgggggtggt 180
 gagcgtgcca aaatctatga aaatggaaat cttctcacc tctccctaga cagagcctct 240
 ggctctggct ttcgttccaa aaaagaa 267

<210> 26179
 <211> 270
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905108H1
 <400> 26179

tagaaacata aaaaactaaa ttatTTTTTTT aaaatataaa tgaccaaact taagttcagc 60
 tgaaatttta tgttgatact gttggagtat tagttgatgc ctgtagaaaa caaatctag 120
 ctctgttgag atcctatgag agaggcataa tatatatagc cacataggat ttccaataat 180
 tttccaaagg aatgtgcgtg aaacaataaa gttttgactt ctgcaaatag gatatgatta 240
 ttgttgagcgt gtgggcagga tgacattttg 270

<210> 26180
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905109H1

<400> 26180

ttcatgatca agacactgcg aagatctgaa gtcaagggtcc ttctaagaat gcttccagac 60
 tatcatcatc atgtgaagtc atatgaaaat acacttatca caaaattttt tggctctgcac 120
 aggattaaac cttcaagtgg tcaaaagttt cgctttgttg taatgggaaa tatgttctgc 180
 acagacttaa ggatccatcg gaggtttgat ttaaaagggtt cttcccttgg aagatcatca 240
 gacaagatag aaattgatga gagtact 267

<210> 26181

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700905110H1

<400> 26181

aactcgaaag cgcgtaatat taataatcgt aacaaacaag agagagaaca gaactactac 60
 tgtttctttt tttgcctttg tttctctgcc cctttgtgca gcgtctcaca caccaatgga 120
 agaaccaagt ggttgcaaca agagcgctcc aaaaggaaaa aaggatgacc tttaccatgt 180
 acttcacaag gtccttatg gagatagccc ttatgtcaga gctaagcatg cccagctggt 240
 agaaaaggac ccggaagctg caattgtat 269

<210> 26182

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700905111H1

<400> 26182

ggatagggtt aaggccatgg agcgcatcat ctgcgccaag tacaagctag gtcgcaagat 60
 cggaagcgga tccttcggcg aaatctacct tgcgacgaat attgatacct tcgagatcgt 120
 cgccgtcaag atcgagaacg gtaaaacgaa gcatccacaa ttgctttacg aggccaagct 180
 ctacaatatt cttcaaggag gaagtggcat cccgaacata aaatgggtgcg gcgtagacgg 240
 ggaggatact gtgcttggtta tggacttg 268

<210> 26183
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905114H1

<400> 26183

aatatccatt gcacctttct ctttctccga tggctaatacc ctcactcttg ttcttcagtc 60
 tcttcttatt atccgccacc gtagccgccg ccgaacggat cgacgatgaa gacgaccttc 120
 tgatccgtca agtgggtgccg gatgcggagg accaccacct gctcaacgcg gagcaccact 180
 tctccgcctt caagacaaag ttcggcaaga cctacgccac gcaggaggag cagcaccacc 240
 gcttccgtat cttcaagaac aacttgctc 269

<210> 26184
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905116H1

<400> 26184

tgaagttctg ttggtgagtg tgagtgagtg tatcaatcgg ccacacagaa atgggcagtg 60
 cttctctgat tccagtttcc tggttgccct ggcggccact ttctcctttc aagggaacgg 120
 tgaaaatctt ggtcgcaaaa ccatggctga agaagattca gcaagcaaga cccctcattt 180
 ccgtgggttaa caaggctgcc tctctatctt cccccgtgac agcaccacgc gtcggcgcttc 240
 ggtttcggct ggacaatttg g 261

<210> 26185
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905117H1

<400> 26185

ccaccttctt ctcacacat gaggtttaaac cttgagctaa atttgatgtg tgaatcaccg 60
 aggaaaaaag aagaaggtaa tggttatgaa atgaatgaga aaaagagttc tggttcttcc 120
 cctggggggtt tgagtgaacg tgaggatctg tgtaaaaaaa gattcagatg gtaaaattct 180

ttctccctcg tggttgtcat catctgaaga tgattacaaa gagatgggtg caacagtttg 240
catgcgctgc cacatgttgg tcatgctatg c 271

<210> 26186
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700905119H1

<400> 26186

gaaaactctt gagactactc ctgtcatgtc gggctcctcaa gaaggaatgg acagattgaa 60
agctagatta tcaaaatact ctcttggtt ttctctgtca aatataaaag atcgtgaata 120
caagcaagat gaaagtcgcc aaacaccttt agaggaaaaa ctgttttagtt taactccaga 180
tagtaacgtg cataaaggct tggttgatag caatgatcat ggaattcagt catttaaaaa 240
tatttgcaaa tcaagtcaaa atgaagaga 269

<210> 26187
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700905120H1

<400> 26187

gaggttaccg cctgtgaaac caaggtgatt cctgggtgaat atggtttcgt tgcccagctt 60
aatgaggggtc gtcacctcaa gaagagacca actgagttcc gagttgacaa ggtccttcaa 120
ccctttgatg aaaacaaatt caactttacc aaagttgggc aagaagaggt cctcttccaa 180
tttgaagcta gcgaggatgg acaagtccag ttctttccaa atgctccagt tgatgttgac 240
aattctccca 250

<210> 26188
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700905121H1

<400> 26188

attcttcccc ctccaccac ccagcatatc tctctattcc tatttattag caccctcac 60
 attaccttgt gtcaccaact actttgactc ctttaccata ccattacaat aattatcaaa 120
 cctaaccagt aaaaatgggtg accgtggagg aaatccgcaa cgctcagcgt tcccatggac 180
 ccgccaccat cttggccttc ggcaccgcca cgccgtccaa ctgcgtctcc caagccgatt 240
 accctgacta ctacttccgc attacca 267

<210> 26189
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905122H1

<400> 26189
 gcttttcatg gctctgcatg ttgtttccgt tcccaccttc ttcacttttc ttcttccacc 60
 gcttcatctc cagcattcct tgcttcgagg aggttccaat catgcccttc aacaagaaaa 120
 tctctcaagt tgaattgcag ttcaagtggc aataatgggtg accaagatta ctttctggat 180
 gcttcagttt ctgttgaga tggattctct ttcagtggag ggaagtattc agatggccct 240
 agtccaagtg atgaatggtt taagca 266

<210> 26190
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905123H1

<400> 26190
 ggcataattgt gccctccctc tttctagcta tttccctctc ttaacacaat taacaaagat 60
 atatcatatc atatcaactc caaatgatga aaaatattgg gttgtttctt cttgtgggtg 120
 tggctacttt tgtgggtggc gccacagctg gtagctttta ccaagacttt gaaataacat 180
 ggggtggtga gcgtgccaaa atctatgaaa atggaaatct tctcaccctc tccctagaca 240
 gagcctctgg ctctggcttt cgttc 265

<210> 26191
 <211> 265

<212> DNA
 <213> Glycine max

<223> Clone ID: 700905124H1

<400> 26191

aaactgcgaa tggctcatta aatcagttat agtttgtttg atggtatcta ctactcggat 60
 aaccgtagta attctagagc taatacgtgc aacaaacccc gacttctgga agggatgcat 120
 ttattagata aaaggccaac acaggctctg ccttttgctt tgatgattca tgataactcg 180
 tcggatcgca cggcctttgt gccggcgacg catcattcaa atttctgccc tatcaacttt 240
 cgatgctagg atagtggcct accat 265

<210> 26192
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905126H1

<400> 26192

ccacaacctt gaatgtttac cgccccgccg gataaggaga aggagaagga ggatctgcgt 60
 cgcaggcact gttcatcgcc atgtctcggg ttgataacag aaattcctca gccaccaagc 120
 gtgctaggac tgatggtagt cgtagggaag atgattggac atgccccagc tgtggcaatg 180
 tcaatttctc ttccaggaca acttgtaaca tgcgtaattg cactcaacca aggccggctg 240
 atcataattc gaaatctgc 259

<210> 26193
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905127H1

<400> 26193

gaaaactagt aatatggctt caagaactat atgttttacc attcaagtga ctctttagt 60
 agcttttcta acaacaaagg ttgttttata tgatgacact gtgccaattc ccgcaacaa 120
 agcacaatta ggtgaatggt ataatactaa tgtggggcct ttagatcaaa gaaagagcac 180
 catggaccca gcattggtga ctgctgaaga aggcgctaag gttgtaaagg tgatgcaaga 240

tggcagtggg gaattcaaga cca

263

<210> 26194

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700905128H1

<400> 26194

tgcttccttc atttctaagc ctgggtgtcag tgtacagcct ctacctccga cgctgcttca 60

cgggcgcggg gctctcatcg cagacgctta gaggggacga cgaatccacg ctccacttct 120

gggccccgac aaaccaacg gcccagaagc cttccctggg tctgatccac gggtttgggc 180

cggagtccat atggcagtgg cgcaaacagg tccaattctt agccccctac ttcaacgtgt 240

acgttccgga cctaataattc ttc 263

<210> 26195

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700905130H1

<400> 26195

atgggtacttt tgatagagaa acttacaaaa cattacttca agctggagaa tcaccaccat 60

gccatcacac accttcaacc agaggagtta tcatectcac tgcttgcat taaatcccat 120

atgtccaaat caattgacca actagcatcg gatttgaaac ccggatcaga gacccccctg 180

tccttaacat gggttgaaa gtgtttcggc ctcttgccct tcatcaacaa ggcttttggg 240

aagcttggtg tggatattga ctacccaa 268

<210> 26196

<211> 160

<212> DNA

<213> Glycine max

<223> Clone ID: 700905131H1

<400> 26196

ggcattttct ttctttcttt gtctttctct tgaatctgta gtaaaataaa tgtgggggtgt 60

gttcccaagt tgggtaagtt cctatctgtc atggttccat ttcaattgta attttgaatt 120

tgctgctacc tccaaaatat gatgtaattt tctttccaaa 160

<210> 26197

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700905089H1

<400> 26197

caaaccatgg aagttgaggc aaagaagatg agaagggag tagctgctat ggagaaggag 60

gtagctgcta tgcgtgtgga gaaagaacac gagaacagag caaagcgggt cagcaatata 120

aagggccctg taaacattgc tcagcaacag ctaatttctg gaagaaatat gacacgggggt 180

ggattaacac gcagcaccca atgacagtta gtctatgaca gtggcgcttg ggagtagtaa 240

t 241

<210> 26198

<211> 143

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700905051H1

<400> 26198

aaaaaatcta ttgtggcacc cttgagaaga tgtggtggta agncaacatc aacaggccga 60

gaccatttta tgttgaaacg tgatcgacca ccacatgtta caattctttg tcttgtaagg 120

gctgctgcag ctagattacc tgg 143

<210> 26199

<211> 207

<212> DNA

<213> Glycine max

<223> Clone ID: 700905053H1

<400> 26199

gcaccataat gataatgggt ttagcttttt ctttcttttt tgtatgtttt ggggggacca 60

agttaggctg agagtatagc tatagggtga aaggaataac caattgttca gcaatttctgt 120
 aaatgactaa atgcttgctt gtcattgtgg agggttttcg tttttttaac ctgtgtcata 180
 tatgcctcat aacaaatatg cggttcg 207

<210> 26200
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905056H1

<400> 26200

gtcttttgat actccagttg tggaagttga ttcagctgtt caagatgaaa ttctcaacct 60
 tggaggacat agggctgctt gcaatgaaaa aattgatatt tccaagatgt cagaatctac 120
 ccgtcttgaa tcatatgtct gtgatagcag tttctgtgct gcaactcctg gaaatgttgt 180
 atgggcgagg acagatggtc aagtgtggtg gcctgctgag atcctggaag aaacatctgc 240
 attatc 246

<210> 26201
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905057H1

<400> 26201

cacaaaccct aacaccaaaa ccagaagcga aatcgcaatc gcaatccagc gaatatgaag 60
 gtcgtcgctg catacttgct cgagtggtg ggagggaatc cttccccttc tgccgatgac 120
 atcaaacaca tcttcggcgc agttggagct gaggctgaga atgagttgat tgagttgctc 180
 ttgactgaag tcaagggaag agacttcaat gagctaattg ctagtgggaag tgaaaagatg 240
 tctgcagtgt c 251

<210> 26202
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905058H1

<400> 26202

ggatatgtat cttatccttg tcaacctaaa tgggtataact aagggtgccca gaaatgagat 60
 atttgctatg caacctgcac caattcaagt ttcatatatg ggattccctg gaacaactgg 120
 ggctacttac atagactact tagtcaactga tgagtttggt tcaccactag ggtatgcaaa 180
 tatatattca gagaagattg tacatctccc ccattgctac ttgttaaag attataaaca 240
 gaaaaatc 248

<210> 26203

<211> 198

<212> DNA

<213> Glycine max

<223> Clone ID: 700905059H1

<400> 26203

ctcaagaagg cgcacctgca caaattacaa tcagaaatct tgacgtgtct cccttccatg 60
 cctgatttgc acatactcag ggagggaatc tcaagttggc atattaaaga atatctgtac 120
 aattgtttgc cacatagtgt aaaagatgac ttggcgaaca taatagcacc actcatgatt 180
 agaccaatta caaggtgg 198

<210> 26204

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700905060H1

<400> 26204

gcttggccaa gatcatctgt ggggcatcca ttgcatcga tggaaagagc catgccttcc 60
 catattcaac tcagaatagt tcttttggtg gttcatcaca gcattctcac caccatcatg 120
 tcggctccgc cccatcaggt ttgccttttg agaggcactt tggtttccat cccgagtcac 180
 ctgaaacttc attcatgaat aatgttggct atggaggcat tgggtccaggg cataatgatg 240
 gaaatcacat gggt 254

<210> 26205

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905061H1

<400> 26205

aagagagcaa ggcaggaagt cagtgtttat aaaacgacag taggagcctg gtctggtcgg 60
 tgtggcactc aaacattgtt tgttgtagga agaggaatct tgagaaatgg caggggacag 120
 caagagcaag attctgttca tcggagggac tggttacatc ggaaaattca tcgtggaagc 180
 cagcgccaaa gctggccacc caactttcct tttggtgagg gagtccatct ctccaacccc 240
 gcaaaatca 249

<210> 26206

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700905062H1

<400> 26206

tggagaaaga gggatgaaag aagattttgg gaaggaaata taaaacattt attcattgtc 60
 aacaaatttt gttccctgca agagagagaa gaagaagttg ttgggttgag ttgggtttgg 120
 attggatttc taatctaata tacaaccttc ttttccctat gcttttaagg cacaaatcct 180
 tctcccttct ctcttctttc ttcttcttct cctgaccctt attattattc cttgccctta 240
 cccttttaggc aag 253

<210> 26207

<211> 159

<212> DNA

<213> Glycine max

<223> Clone ID: 700905063H1

<400> 26207

cattgttgga gggagtttca gttattccct cttcattctt cgttcctctt tggttgctcc 60
 aagaagtggg catgatcatg gactccaaga ccgagatcat gatcatggac tccaagaccg 120
 ggttcctcat catgtcattg acttaggttc acattcaca 159

<210> 26208

<211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905064H1

<400> 26208

cggaacaaac acttcctcgc gcaccgttcc gcggaaccg gtccaagttt cagtcctaaa 60
 gccgcatttg gacacacgaa cccaacacg aatttttccc atcgcaattc tccccctttc 120
 agaagcttcc aaacacgccg ttagctttaa aaaggaaaaa aaggaatata gcacgttgga 180
 gcatcatgtc ttgttcgtta cagtcctcgc cttcacgtat taagaagagc ccaaagcgaa 240
 ttcgaactta ga 252

<210> 26209
 <211> 206
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905066H1

<400> 26209

ctacaagaga atttggttaa attggatact ctaaattggaa gaaccggtgc ttgttctcag 60
 ccgatgtctc gagccaaaga gacactttca agagttagctg tgacaagaac ttcgtcagag 120
 aaatattcgg atttttgcat gccaacctcc gatttgtcta aggagcattg taaatcatgc 180
 gatatttgca gacgatcaga gtttat 206

<210> 26210
 <211> 120
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905067H1

<400> 26210

cacaaaccct aacacaaaaa ccagaagcga aatcgcaatc gcaatccagc gaatatgaag 60
 gtcgtcgctg catacttgct cgcagtgttg ggagggaatc cttccccctc tgccgatgac 120

<210> 26211
 <211> 185
 <212> DNA

<213> Glycine max

<223> Clone ID: 700905068H1

<400> 26211

cctttcttct ccttctcgca ctgccatttg aaacccctga cccgaatcgt ttcttttctc 60
ctcatcctct gcctcagtct cccaggatcc aatataaatg gaaatggaag cttcaaaatt 120
tatggctaca acgaactgaa gcctctatca gacttagctt gcccgggtta gtgggagaat 180
ttggg 185

<210> 26212

<211> 108

<212> DNA

<213> Glycine max

<223> Clone ID: 700905069H1

<400> 26212

ctttttgggt ttctgagaag tgcgtgtgtt gatgggggggt caaaattcta aggaggaaag 60
tcggaggcag agttcatctg tcaggctctc ttcttcttct tggagtgc 108

<210> 26213

<211> 65

<212> DNA

<213> Glycine max

<223> Clone ID: 700905071H1

<400> 26213

gttctttgac tggtatagaa tattgggatg gatgggcaat ggtctctatt cctccctcat 60
catct 65

<210> 26214

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700905072H1

<400> 26214

gcctttttgg gcaccagat ttccaccatt ctgagtaact tcacacacta tataacagaa 60

aatgaggggg ggcttatggc aactcgggca atcaatcact cgccgtcttg cccaggggtga 120
 taagaaggct gttgctcgta ggtatcttgc ctcatatgct gagctgaaaa agacagtcgt 180
 ttatgacttc catgttgcta atggaggga gatggtgcca tttgctggat ggagcatgcc 240
 aattcaatat a 251

<210> 26215
 <211> 203
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905073H1
 <400> 26215

caagcacatg cttgctaaac aaacagggtc taccaggagc caggtttcta attggttcat 60
 taatgctaga gttcggcttt ggaagccaat ggtggaggaa atgtacttgg aggagatgaa 120
 agagcatgaa ctaaattggt ctgaggagaa atcaagcaag agtgggtgaag atcctgctac 180
 aaaaaccaca agtcacaaag aga 203

<210> 26216
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905074H1
 <400> 26216

ttaatatctg cttcattcct tcaccgccgc actatcgctt ccgagaacca tcactttttc 60
 tcgctgctct tcaaagcaat cgcaacgcgc gttttgcttc tcttttcacg gcagatcctc 120
 tgcgtcgcca ccagattcac tcacgtttcg tgattcgaac gcggcgctcg ttagactcaa 180
 gcttgcgga gaagagaaaa ccctaatac acatggggaa gaagaagccg acggcgaggg 240
 acgaagaga 249

<210> 26217
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700905075H1

<400> 26217

agaggattcg ctccaacccc tatcgagtaa ggtattatct gtcaatttac attcgaaagg 60
 gttaggctat tgaatttttaa ataattacag ataaaataat cgatagcttt gatttttaaaa 120
 attaatcata atcatcgggt aggttgcaac ataatactta attcgcttaa ttttttaact 180
 gcgcctcaga gtattcataa catattctat taaattaata agctgggtgat gtaattaata 240
 ttaatatgta g 251

<210> 26218

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700905076H1

<400> 26218

actccctcta cctgagaagg aggatccctg tgctagctcg atcaaagatc aaagatggag 60
 gagcggactc gcagcattct gattttgatg accttgcttt ccattctccat tgctggcccg 120
 aatgcaggtg gcttgcagca tcataagggt aggcattggt agcatggctg tcatatgtct 180
 gctcgtaatg tgacctacga cggttaagtca ctgttcatta acggaaggcg cgagatcctt 240
 ttttcgggc 249

<210> 26219

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700905077H1

<400> 26219

cgagaacaga aatctcgtgt ggaacaaaag ggtaaaagct cgtttgattc tgatttccag 60
 tacgaatagc aaccgtgaaa gcgtggccta tcgatccttt agtccttcgg aatttgaagc 120
 tagagggtgc agaaaagtta ccacagggat aactggcttg tggcagccaa gcgttcatag 180
 cgacgttgct ttttgatcct tcgatgtcgg ctcttcctat cattgtgaag cagaattcac 240
 caagtgtt 248

<210> 26220

<211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905078H1

<400> 26220

aggagataaa aaaatcttaa agaatatcgc atgccttgaa gcatgtaaac aacttcataa 60
 gattggagct ttgtcagata atcttgttcc tgatattgtc atggaagaag cagaggtgga 120
 ggaattaggg aatgaacctt atgatgaaaa ccaaccaact tttgtcccat ttggattggt 180
 aaattctgtg tcaaataata gtcaaacggt ctatcattgt tatttcattg aattcaataa 240
 caaatttagc 250

<210> 26221
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905079H1

<400> 26221

cttttccttc gttgaaatga aaatgggttc ttctttgtgg actttgtgtc taattttggc 60
 ttactagcc tcttctgcat tctgtgcctt tccacggagg ccagtggatg ttccattcgg 120
 cagaaactac gttccactt gggcttttga tcacatcaaa tacttcaatg gaggttctga 180
 gattcaactt catcttgaca agtacactgg tactggcttc cagtccaaag ggtcatactt 240
 gtttgggtca 249

<210> 26222
 <211> 113
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905082H1

<400> 26222

ctctactttt ctagaacctc aagcacctta tactcagtga aatatcactt ttgactacct 60
 tgacggacag tgtttgacat tttgatatta atattactgg tgtctctaatt ttt 113

<210> 26223

<211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905048H1

<400> 26223

tgcagatgag gaagaacgaa tgatcgtgca gatcttgatg tttccactga tatgtcactg 60
 aagaagaaag ggaaagcaag tgctggtgaa tcaaccaagc aaggaaagat ggatgcttct 120
 tccaaaagcg gtggagcagc agcatccaat ggatcaaagg gtgcatccac gaagtctagc 180
 cagaaggcca aagatggcaa caaatccaaa ggttccaagg ctaatagcaa atctgaggat 240
 aaagttagta g 251

<210> 26224
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905084H1

<400> 26224

cacctcccaa ctgcacctcg actcacatcc ttgtccgatt ccgcgaacga gtcgagtga 60
 tcgggttggt aagatctatt ctgtttcttc gtcattggcaa ccggacaact attctcgcgt 120
 actacacagg ctttgtttta caactacaag caacttccca tccagcggat gcttgatttt 180
 gacttccttt gcggcaggga aacaccatca gttgctggaa taattaaccc tggttctgag 240
 gggattcaaa aact 254

<210> 26225
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905085H1

<400> 26225

attaaataaa gctaaggaga aatattgaga agcaggaaga agcaagttat ggcgacgaag 60
 cagcttccgc agatcgccat tctgggagct ggtatctttg tgaagactca gtaccttccg 120
 agactctccg agatctctca tcttttcatt ctgaaatcca tttggagccg cactcaggaa 180

002220-CTT550

tcagctacag ctgccgtaga catagctcgt aagcattttc cccaagtaga gactaagtgg 240
ggagataacg gtttt 255

<210> 26226
<211> 78
<212> DNA
<213> Glycine max

<223> Clone ID: 700905086H1

<400> 26226

tcaggctgca acccacttcc accagagata tggcttttgc ccaagtagc cccattcat 60
ccagggaaaa tggtatgc 78

<210> 26227
<211> 78
<212> DNA
<213> Glycine max

<223> Clone ID: 700905087H1

<400> 26227

cttcttttct ctccgtgggt tgaacttgaa gaacctctga aaatccgttc tttctttcat 60
cgatcactct ctctctct 78

<210> 26228
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700905012H1

<400> 26228

ataatcttca tattcatcaa actcatcaaa atgaatctgt accactcctc caccaccacc 60
accaccacca ccattctcac cgtcatattc ctctccttg caatattatt cactctcaca 120
ccccacaagg ccaacggtgc cacgtgtcac cctgaggaag aagcgggcct gttgggcttc 180
aaatccggta tccgatccga cccgtccggc ctgctcagta actggatata gggtagggac 240
tgctgcacat ggaccggagt a 261

<210> 26229

<211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905013H1

<400> 26229

tgtgccttcc ttttccaaag ggagcagcaa caacttgtgt actcttcttg ttgttttcca 60
 cttctcagaa agagatgcct caccacaact atttccttg cttgttgaag cctagtatca 120
 ttattgtcta gttcttgctg tgcttttttg tgttctctct ctctctctct ctcttttatg 180
 gatcttgggg tagtgggttt ggaggggggtg gtgggttcag aaagtgggtg cgtgtttggt 240
 tcctctcttg cttcagat 258

<210> 26230
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905015H1

<400> 26230

ctataatgca ttaatgctct gttgtcttct cttttcagat ttggaatctt ggctctcctg 60
 atcctaattt tactttggat gctcatcagc aaggagtga tttgtgctgat tactttacag 120
 gtgggtgacta accatatcta atcactgggt ctgatgatca cactgctaag gtatgggatt 180
 atcagaccag aagttgtgtc aagaccctag aagggtcacac acgcaatgta tctgctgtat 240
 gctggcat 248

<210> 26231
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905016H1

<400> 26231

tgtgatttca gtgagtgatc ggtgttcact tgatctcatc ataatcgtca gcgtcaattg 60
 aagaagatgc cgatcagaaa catcgccgtc ggaaggcctg aagaggcgac tcaccccgac 120
 acgttgaagg cggctttggc tgagttcatc tcaaccttca tcttcgtgtt cgccgggtca 180

ggctccggca tgcctacaa caagctcacc gacaacggcg ctgccacccc tgccggcctc 240
 atctccgctt ccacgcccc tg 262

<210> 26232
 <211> 78
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905017H1

<400> 26232

atgacccttc tcagcaaaag ccctagcaca agagtgccaa gtggtttctc tgtccaaatc 60
 tttttgattt aatttctc 78

<210> 26233
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905018H1

<400> 26233

gcacaatatc ttagaaagcg aagactgatg ccagataaga aactaggtac tcttactagt 60
 gatattgctg ggcagttgaa agagctaaga caaggccgtg tagagtttaa aatggaaagt 120
 aatcaattt tgcattgtggg acttggaag gtaagctaca aagaagaggc ttacggggag 180
 aatattagt ctttatgaa tgctgtattg cttgcaaagc ctgctggctt aaaaagact 240
 ccaaatatgc tgggtatgtg ttgt 264

<210> 26234
 <211> 134
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905019H1

<400> 26234

gagggaaatcc cccagacca gcaacgtctc atcttcgccg gaaagcaact tgaggacggg 60
 cgcaccctcg ccgactaaa catccagaag gaatcaacc ttcacctcgt cctccgtctc 120
 cgtggtggca tgca 134

002240"ETTES60

<210> 26235
<211> 72
<212> DNA
<213> Glycine max

<223> Clone ID: 700905020H1

<400> 26235

cggaataatt aaaggactta ttccaaagcc tattcccata gtttagccta ttccgaagtc 60
aattcccagt gt 72

<210> 26236
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700905022H1

<400> 26236

ctttccaaaa gataaaatct ttacccttca caccccaacc ccttttggtt tctcttctca 60
atattgcatac tgggaatcag gctgcttctc agttcacacc accaccacca tggtttctact 120
cggagctacc tgtgctttgt gctgttctgt gttgattgtg tttgtcactt tgagttcggc 180
tggggacata gtgcaccctg atagtattgc tcccagaagg cctggctgtg acaacaactt 240
tgtcctgggtt aaa 253

<210> 26237
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700905023H1

<400> 26237

agaacacaga atcgcgtttg cgactgagga atgagtttcc tgcagggtat cgttgattcc 60
ttcaactcca tcttcatacc cgataacaac aattatcacg acaccaattc tcttctctct 120
tcttcttctt caacgaatcg aatggaagct tctctctctc ctcctctctt tctccttctg 180
gtttcgaacg aacgcgttgc ctacaagctc aaaggctact tcgatttggc gacgcaggag 240
atcgcgaaag gcg 253

<210> 26238
<211> 167
<212> DNA
<213> Glycine max

<223> Clone ID: 700905024H1

<400> 26238

ctccattcgt gctttcagct ccggcaacct ctcttccggc gccgccgtat ctccggccgcg 60
caccaatctt caatttgatt acttgggtca acgatttctg tcattctcaa tcatggcaac 120
tagacttcag ttgaaaata attgtgaagt tggagtcttc tctaaac 167

<210> 26239
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700905026H1

<400> 26239

aacagatggc acaaaattga caaatcatat cccattcctg attattgtga ggcagaggca 60
cttcaaggta agtttgagat tccaattctc accattacaa tgccaaaaaa ggccacttca 120
caagctgcta ctaaacaaca agaagtggga acatcccaag agaaagggtgc agtagtagct 180
gaaccaaagc ctcaagaaaa agtccaagag accacttcag caccacaacc tacaacaact 240
actaaagtgg aag 253

<210> 26240
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700905027H1

<400> 26240

cacaaatctt agccgccatt gatcttttctt ctccatttc tcttactttc tcagcctttt 60
tcgattaccc atttggttat ttgcgcctaa tggctcttgc tccatccaaa gtttccacct 120
tttctggttt ttctccaaa ccagtggtg ggggtgctca gaaaaacca acttgctctg 180
tttctctgag ctttttgaat gagaaacttg gaagcagaaa ccttaggggtt tgtgcctcaa 240

cggcgcctct cact

254

<210> 26241

<211> 165

<212> DNA

<213> Glycine max

<223> Clone ID: 700905028H1

<400> 26241

tgcttccttc atttctaagc ctgggtgtcag tgtacaggct ctagctccga cgctgcttca 60

cgggcgcggg gctctcatcg cagacgctta gaggggacga cgaatccacg ctccacttct 120

gggcaccgac gaacccaacg gcccagaagc cttccctggg tctga 165

<210> 26242

<211> 100

<212> DNA

<213> Glycine max

<223> Clone ID: 700905029H1

<400> 26242

gcccaattctt caccctcccc tccttttcgc agacgaaggc gcattctatt ctaacgttca 60

caagatagga aggcaagact aaagattcca ccacctgata 100

<210> 26243

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700905030H1

<400> 26243

cactcagatt gttgcaaatt tacagaggca gcagggtcag tccaagctca tcgcctctga 60

ttacttggat actaatttgg atcttatgga tgtcttggtg tctggatatg aaaacacaga 120

catggcttta cactacggtg caatgttgag ggagtgcata agacaccaga ttgttgcaaa 180

atatgttctg gactcacctc atatgaagaa gttttttgac tacattcagc ttccaaattt 240

tgacatagct gcagatg 257

<210> 26244

<211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905031H1

<400> 26244

tgccagagcg aatctcgag tgctcggagc aattcctcct ctcgtcggaa tgctcgatga 60
 ttcagaagac gctcattctc aaatcgcatc gctctacgct ttgctcaatc tcggaatcgg 120
 caacgatgca aataaagcgg ctatagtga aattggcgcg gtacacaaga tgctgaagct 180
 aattgaatcg agcggttcag attcgtcggg gtctgaagcg atcggtgcaa atttccttgg 240
 cttaagcgct ttggatt 257

<210> 26245
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905032H1

<400> 26245

ctaaactcat attccaaaac gcagagccaa accatgtcgt tccccttcaa ccactctcac 60
 gccacccaca cccaccaccg cagggacgac gacgacgacg aacgaccac cgtttaccct 120
 ccgccgggaa actccttcag caaccgcga cctccgttct acggcgtccc tcaaccacca 180
 cccctcagc cggagacca cgtgttccat tccgtcacg tgacaccagg acacgtgtcc 240
 catgattca acaact 256

<210> 26246
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905034H1

<400> 26246

tgaagattcc acaacagtgg gagggagatc caaaaagaga gagtggaaaa gatggcgcg 60
 ttgatcacag tgggtgtgtg cgcggtggcg gtgctattat gcgccgcggc cgggtgcgtcg 120
 tgggtggagg aggcggcgaa cccgatacga atgggtgtctg gcgtggaggc ggaggtggtt 180

cgggtgatcg gggagtgccg gcgtgcgttg aagtttgcta ggttcgtgag caggtccggg 240
aagagttacc aaagcgagga aga 263

<210> 26247
<211> 123
<212> DNA
<213> Glycine max

<223> Clone ID: 700905035H1

<400> 26247

gtaacaatgg ggtctctaataa ggctcttgcc acattgactc ttgtattggc aatagtgtct 60
ctaagcttgc cgtctcaaataa ttcagctcat aactacttgt actcatcacc tccaccaccc 120
aag 123

<210> 26248
<211> 82
<212> DNA
<213> Glycine max

<223> Clone ID: 700905036H1

<400> 26248

accaaagcca gggtttttct ctttcaattt tcatgccact cagattcacg ggattatgtt 60
tcttctgccca cacaaaccct tt 82

<210> 26249
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700905038H1

<400> 26249

aaaattcttc tccttttgtg cttccaactc ttttctttgt tatattatc tctttcactt 60
tctgccaaacc cttggagtca acatgactat cctcattgag caatctgac actttggggc 120
tgaagtagag gcaaacactg aaccaataaa tgagagagaa ctgggtgttg atgggtggatt 180
tctgataaca cagaccaact catttgggca catgttttagg gcttataatg atgctgaaag 240
tgagaagcat gaaggagtgg a 261

<210> 26250
 <211> 85
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905039H1

<400> 26250

cttcgtctca aatctcttcg ttccttcgat tcgttccatt tcttccaaaa tggccaaaga 60

cccagttcgc gttctcgtca ctgga 85

<210> 26251
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905040H1

<400> 26251

aaagaaagca agaatttgaa ggaagagggg atatgaatac aaggagctag ttgtctattt 60

gcaataacat aacatcatca agcaggatca tcgatccaac cttagtattc aacccagaga 120

gatttgtagt aataattact acaacaactt aaaacaatgg caggaggagg ttatgtagat 180

tcgggaaatg caaagcaatt tgaagggaag gtcactgcat tcgtattggt tacatgcctt 240

gtggcagcca tggg 254

<210> 26252
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905011H1

<400> 26252

ctcagaacct tctgaggtta aagcaaaaaa caaagagaga gagagagaga aaatgatgaa 60

gccatcgatg ctcagatctc tccactccgc cgccaccgc ggcgcctctc atctcttccg 120

ccgtgggtac gcctccgagc cggtgccgga gcgcaaggta gccgttctcg gcgccgccgg 180

cgggatcggg cagcctctct cccttctcat gaagctcaat cccctcgttt cgagcctctc 240

cctttacgat atcgccgg 258

<210> 26253
 <211> 110
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905043H1

<400> 26253

cttgaatcag catctctgta ggatgcattg caaactgcta tcctcctcat tcatctgatg 60
 gatcgttgct gatggctgac atacgctgtc ttcctggtgt gagccatttc 110

<210> 26254
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905044H1

<400> 26254

tgaagaaaga ggaagagatg ctttctgctg ttaaggatag acaatccaag gatggggata 60
 aggagttctc taaggatgtt cttgatgaac gtgccaagaa agcagaagct tggcatcatg 120
 attctgcagt tcgtgcacgg tacactaagc catcatcacc aatcacatgt gccactttcg 180
 cccaagatgt tctagaagga agagcaaagg cttcacaagc acacgatcac aagcatcaac 240
 cactaatatt tgga 254

<210> 26255
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905045H1

<400> 26255

tgcagatgag gaagaacgaa gtgatcgtgc agatcttgat gtttccactg atatgtcact 60
 gaagaagaaa gggaaagcaa gtgctggtga atcaaccaag caaggaaaga tggatgcttc 120
 ttccaaaagc ggtggagcag cagcatccaa tggatcaaag ggtgcatcca cgaagtctag 180
 ccagaaggcc aaagatggca acaaatccaa aggttccaag gctaatagca aatctgagga 240
 taaagttagt agaa 254

<210> 26256
 <211> 154
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905046H1

<400> 26256

gcttcgcttc cccttaattc ccaaccttac attattaact tcaccaactc atctccctct 60
 accaaacaaa acgacgcagc aaaaccctgt ctctaaaacc ctctctctgt ctcccttctt 120
 tctcatcttc accaccacca atggcgtcgc gccg 154

<210> 26257
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905047H1

<400> 26257

agaaattctg caagcaataa atctagtgggt tctgtggctt cctcaaagaa aaacaacgaa 60
 tgcagcgaga gattaagtga ggctcaaagc acttgtagat caccaatttt cgaagctgag 120
 agtacatagc tggaaaatat gcaggatgtg cccagtagat tacattgcca agttatgcaa 180
 actcttgtgc agagcacttg tacatccctt atttttgaag ccaagagtac atatgtggaa 240
 aatatgcagg atgtgc 256

<210> 26258
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904963H1

<400> 26258

caacaacata gtgaacaaca accttggtta taataaccat ggagagcacc gaagactcat 60
 ccacgagttc acagcaacaa ccgaacctgc caccggggtt tcggttccac cccacagacg 120
 agatactcgt gggttcattac ctcaagaaga aagtagattc tggttcctctc cctgtttcaa 180
 tcacgcgtga tggtgatctc tacaagtttg atccatggga attaccagcc aaagcatcgt 240

ttggggcgga agagtg

256

<210> 26259
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700904964H1

<400> 26259

cttaccacca gatgtgctca aagagagact tcctggcatc tctgaaactg ctgctatattt 60
tgctgggtgtg gatgttacaa aggaacccat tcctgttttg ccaactgtac attataacat 120
gggcgggtatt cccacaaacc attatggaga ggtgggtacc attaaagggtg acaatccaga 180
tgcagtgggtt cctggattga tggctgccgg ggaaacggcc tgtgcatcag tccatgggtgc 240
caataggctt ggtgc 255

<210> 26260
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700904966H1

<400> 26260

gacccaaaca aagccgaaag aaagaaagaa agcacgatta cttgcacttg ttcttctctt 60
gcagtaaaac cctagctagc catcatcgta acgtaatcga tccctctgac tctcactcta 120
gaaccttcga ctgatccga atccctagat cggattgcaa ggctggcggg tattctgggtc 180
aagtaaatga cggatctccc ccgccgcggc ttcttattat cgttgatagg gttaccgcgc 240
tgtgacgatt 250

<210> 26261
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700904967H1

<400> 26261

cgcggttca accttgtagt tattctctttt cttctttttt agctatccct ctcttgaaaa 60

atctagatct cgttcttcct tgatctacgt tacgctttta gtgaccggat ctgtatggat 120
 ctgaaccaga tctacacgcc gatggtgggt ttggcctggg ctttcataga tctgatgcat 180
 ggaggctcag atctactgta cagagatact gtagataatc gatgagaaga acgcagatcc 240
 agccgcttc 249

<210> 26262
 <211> 119
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904969H1
 <400> 26262

atcataactta gaaacagcaa ctatgtctct catgcagctt actagctccc ctgttggtc 60
 actggctcgt ttcattgtaa tatttgcttt atgggacata accatggctt tggccaagt 119

<210> 26263
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904970H1
 <400> 26263

cgataacgga accaagatgg cccttgatga ttgcaaggac ctcttgcaat ccgctatcga 60
 gagcctccaa ctcagcattg acatggttca caacaacaac ttgcaggccg tgcataacca 120
 acaggctgac ttcaagaact ggctcagcgc tggtatctcg taccaacagg cctgcatgga 180
 gggttttgac gatggcaaag aaggtgagaa gaagatcaag gagcagtttc ataccgagac 240
 cttggac 247

<210> 26264
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904971H1
 <400> 26264

caacaatggc accagctgca gccaaagactc tgacttacct ggcccagcag aagaccctag 60

aatcgagctt cgttcgggac gaggaggagc gtcccaaggt tgcctacaac gaattcagcg 120
 acgagatccc agtgatttct cttgccggaa tcgacgaggt ggatggacgc agaagagaga 180
 tttgtgagaa gatcgtggag gcttgcgaga attgggggtat attccaggtc gttgatcacg 240
 gtgtgga 247

<210> 26265
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904974H1

<400> 26265

agctcgtctt cacgatccag cgattccgct ctccaacggg actgcgcagg gtgaagaatc 60
 gagaggccag ccgccggtga agaatcgcg c gattcgtctg gaaatcgcg ttccagcacg 120
 attcatgccc gatacagaga tttaaccacg attcaggaac aaaaacgaga caacctccga 180
 ttcgtattgg tagcatctgg aatcgtatcg aatcgtgcga tacgtatcct gaatcgggtt 240
 tgggtttttc 249

<210> 26266
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904975H1

<400> 26266

gtcaaaaaga atgaagatga tggcgtcgaa acagtgccac caactcatat gaaacccgaa 60
 ctcgacgcca ctgtcaaaat ggaggaggcc gaagacgaac cagaatcagt tcgagacgat 120
 cccatagacg aagatatccc tgaagaagac acagtgtgtc gcgaaattga tgtcttcttc 180
 tctccttctg tcgatgccca gactcagcta tacgtctttc agtatccctt gagaccttct 240
 tggcga 246

<210> 26267
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904976H1

<400> 26267

ttgtaccatc gactttgtct ttggagaaca gccactgcat caccaaagac aaagtcgatg 60
gtacctgata ctgatgcaat cacggtagaa ttgacgcatg gtgtgtgcgt agagtgtgtc 120
ctggtagcca tccattcgac atttgtaaaa gatggacctg tcagcttgaa ccctcaaggc 180
cactgcttga tgtttttcag caccagctga gttctccaaa attgcacttt cgtggtgcga 240
aaaccattgg aa 252

<210> 26268

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700904977H1

<400> 26268

cgggataata ttgtagaagt tcagaaatgg ttcattctac ctttttgacc tattttgttg 60
tcttttctgc tgtgtttgaa gggttcccgt tttaaaacat tgtttttgtg gcagggagtg 120
tacataggag ccaagtttga ttggttgcaa ttgagttgta attggttggt aagggtacca 180
aaaccatta attcttcttc catgtaaagt cagccgaaat gattgaggct gattagaaga 240
ctagggtgt 249

<210> 26269

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700904978H1

<400> 26269

aggacattgt gcactgtact gaatttgagc ttgtacctgc agctgttaat gctgctttac 60
agactattgc caatgtttct atttcctctg aattgcaaga tgctttattg aaggctggtg 120
ttttatggta ccttttgcct ctgctgcttc agtatgactc aactgcagaa gaatctgatg 180
caacagaatc tcatggtgtc ggtgctagtg ttcaaattgc caaaaacatg catgccataa 240
aagcatcac 249

<210> 26270
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904979H1

<400> 26270

ataaaaatta aggaagcaga ggagaaaact gaggggtggga ttttgcttcc atcaactgct 60
 caaacgaagc ctcaaggggg tgaggtggtt gctgttggag aaggaaagac aattgggaag 120
 aacaatgtag agattagtgt gaagactggt gcacaagttg tgtattcgaa gtatgcaggt 180
 actgaggtgg atttcgatgg tacaaagcat cttattgtga aggatgatga cattgttgg 240
 atccttgaaa ctg 253

<210> 26271
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904981H1

<400> 26271

agctattgaa tttcacttca cttcacttgc atgccaaatg aaaacaacct cttcccagaa 60
 tcttgctggt atttaactcc ctgcatttca caacaccaat aacaatgaga gtttcaacag 120
 agacagagcc gtagactaaa aagataaaac gcattcgccg cggcggggac tgcagcaagc 180
 accctttgta ccgcggcgtg cggatgcgga actgggggaa ttgggtgtcg gaaatccgcg 240
 agccgaggaa g 251

<210> 26272
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904983H1

<400> 26272

caagcaacag atcaaactcc tccatattcc acgccc aaat ctttttaata aattttctcc 60
 aaataccatt cacacaacaa catcgatttg taataccatg aagttttttt cagcaataga 120

gtttctaagt tcatttcttg tgctgatggt cttctaccct ttttgccact cactcgacaa 180
 caccataacc ataaaccacc ccattagaga cggcgacggt ttggtctcca acgggttagg 240
 aaactttgcg 250

<210> 26273
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904984H1

<400> 26273

gcttccccac accatcctct ctcaacaaga gccccctgct taaattgtgc actccttctt 60
 tatcccatte tttcctcaga ttgcgcgccac cattggaaaa aaaagggttc cggtgttggg 120
 gagcctaggg ttaggggttc tgagagatat gggatgttcc atgcattcgt gagccttata 180
 gcacgcggtt ggaagctggt tgggcacggt gatgacgtcg gtaatgtcgc cgccgccacc 240
 ggaagaga 248

<210> 26274
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904985H1

<400> 26274

atcttctggt gaatgaattc aaaagaactg agagtattga ccttgcaaag gacaggcttg 60
 cactgcagag gcttcgtgaa gctgctgaga aagctaagat cgagctgtct tcaacatctc 120
 aaactgagat caacctgcct ttcactcactg ctgatgcata tgggtgcaaag catctgaaca 180
 taacattgac aagatcgaag ttgagggtt tgggtgaatca cttgattgat aggaccaagg 240
 caccatgtat 250

<210> 26275
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904990H1

<400> 26275
 ctcgagccga agaagtgcag ttcccaaagt gcaataatct ttctttcaag ctccgcaatt 60
 cttcttccaa gtcttgcttt ctttctcaca ttatttaacc ttgcaagttc cgaatcattc 120
 atcggcgctga actacggaca agtcgctgac aacctgccgc cgccgtcggc gacggcgaag 180
 ctgctccagt cgacggccat cggaaggtg cgtttgtacg gaaccgaccc ggccataata 240
 aaagctct 248

<210> 26276
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904991H1

<400> 26276
 cttcatattc atcaaactca tcaaaatgaa tctgtaccac tcctccacca ccaccaccac 60
 caccaccatc ttcaccgtca tattcctcct ccttgcaata ttattcactc tcacacccca 120
 caaggccaac ggtgccacgt gtcaccctga ggaagaagcg ggctgttgg gcttcaaadc 180
 cggtatccga tccgaccctg ccggcctgct cagtaactgg atatcgggta cggactgctg 240
 cacatggacc 250

<210> 26277
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904992H1

<400> 26277
 ggatttgcct gagactaagc aaattgattc taagttaaat gttgatgaac ttaaagacaa 60
 agtagagatt gaaaagccta ttgtgaagga ggaaagtagt actatagctg ttggagatag 120
 tctatctgca ggaaaagatg ataccaccca agatattgac attagtcctg ctgccctgac 180
 tgagaaacgg aaatttaatg ttgggaacag tgagcctgcc aaaaggcaac gcaggtggaa 240
 cactgaaaca 250

<210> 26278

<211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904993H1

<400> 26278

ccaagagcga gatatactatt tagatctctg aaaaacagag ttccatttca attcagtctt 60
 attatttaggg ttgcccatt gagagagaaa gagaaatggg agaacgaaaa ggaatcccaa 120
 tggctttggg gctcttggcg atgatcctct tcttcattgc ttcctcttcc tctcacctcg 180
 ttgcgccttc cgatgacgcc gacgacgcga tcttctacga gtcgttcgac gaggattttg 240
 atggacggtg g 251

<210> 26279
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904994H1

<400> 26279

gttttctctt tgagaaaatc gtatcttaca ccttttgggtg accactttga gtgagagaag 60
 agaaattaag agagatactc acattagatt caagagagat ggccatcaac catgaaactt 120
 gggctttcat ttccggtctt ctaggcaacg tgatctcctt tatgggtgtc ctcgctccat 180
 taccaacttt ttaccaaadc tacaagaaaa aatctacgga tgggttttaa tcactacctt 240
 atattgttgc act 253

<210> 26280
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905002H1

<400> 26280

acgatggcgt cttcaatcga aaagctccta gaaagtgggc gtcccttcct tcgcggtgat 60
 ctggagtcca tcgacaagaa cttacctcgg ctggttggcg tcctgcagag tgtgggtgcc 120
 ggggagtgcg ggcacaaaca cggcagcttc cttcaccacc tcgtcgacgt atttcgcatt 180

ctcaagctct ggaaagcccc tcaactctgtc tgctctgtg gcctcttcca ctcagcctac 240

t 241

<210> 26281

<211> 77

<212> DNA

<213> Glycine max

<223> Clone ID: 700905003H1

<400> 26281

gcgcaaaaac cctaaaccct gtgaatgaag aagacgaaga agagtggcga agaagatggg 60

ggcaagctca agttcaa 77

<210> 26282

<211> 98

<212> DNA

<213> Glycine max

<223> Clone ID: 700905004H1

<400> 26282

ggaatcggct cgagcttctt tcctttgcaa ctagtacct aggggttttga gtttgtgacg 60

catgttgctt ggatccctga aaatcaaattc agactcag 98

<210> 26283

<211> 121

<212> DNA

<213> Glycine max

<223> Clone ID: 700905005H1

<400> 26283

tgtcaaccaa aacagcacat gggagttata gaagctatgt gctgagttgc gaaccatcat 60

caatccaattc ttttgtgtta ctataagtat ttaacagcat agacattaga cacattcttc 120

g 121

<210> 26284

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700904962H1

<400> 26284

gtccttcgtc agttaactat gggctaata caattcagga agcccaaac tattaaagta 60
tgtatatctg ctctctcttt tttgtttgac tgagcatagt attcaactca aagatgatca 120
ctgtttcttt ctttctctat atctcaaaaa ggaaaccgac aacacaaagg atttgcagaa 180
agtgcagcta cttagttcca ttttcatcct ctctccatta actttcagtc aaaacaaaac 240
aaaacctctt tagg 254

<210> 26285

<211> 142

<212> DNA

<213> Glycine max

<223> Clone ID: 700905006H1

<400> 26285

cggattcggc tcgaggataa accctaatag tcacaccgtc tcttcaaata tgtgtataaa 60
gaaagtctct caatctcacg accccaaga atgtcaagac gtaaagcatc tcttgccagt 120
ggctactcca accgatggct cc 142

<210> 26286

<211> 53

<212> DNA

<213> Glycine max

<223> Clone ID: 700905008H1

<400> 26286

aaaacaaaac caaaccattc aaagatagga ggcaggcagg taccgcacac cgg 53

<210> 26287

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700904918H1

<400> 26287

cttcattcgg gactcgccat agtgattcct tcttgcgtcc tattcattcg ttgcgtgctc 60

gttcggttgt tctcgtcgtt ccagtgaaga gttccatttt agtcctacac ccttggtgtga 120
 gaatagatgg cgccaatcct gcagagcact cagccatggg tcgagaaata ccggccaaag 180
 caagtgaag atgttgccca ccaagatgaa gttgttcgag tactgacaaa cacccttgaa 240
 actggaagtt gtcc 254

<210> 26288
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904922H1
 <400> 26288

gtagtgaaga aaatgaaagt ccttgttttc tttgttgcta tagttctagc agcatggcat 60
 tgccatggct cagaccatga ccatgaccat ggccacacct accaaatttt ccctctgaga 120
 atgaaaactg gccatggtgg ccactacatt ccggaggtat catgccaaag ttggaggcct 180
 ggtgtggaag cacacaacgt cattgactgg aaaaccgttc ctcaagattg cgagggatat 240
 attggaact a 251

<210> 26289
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904923H1
 <400> 26289

ctcgagccgc gtcgacgaca ttggcgacgt caccatcacc aacgacggcg ccacgattct 60
 caagatgctg gaagtggagc atcctgctgc caaggttttg gttgaactcg ccgagcttca 120
 ggatcgagaa gtcggagacg gcactacttc tgtcgtcatt gtagctgctg agcttctcaa 180
 aagggcaaat gaccttgctc ggaacaagat tcacccctacc tcgattatca gtggatctag 240
 acttgctatg c 251

<210> 26290
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904924H1

<400> 26290

tttcagagga aagaaattta aacagagcac gaagatgaag ggtctcttca agtccaagcc 60
 tcgcactcct gcagatgtag tgcgccagac cagagatctt ctgctctttg ttgatcgag 120
 ccccgaaacc cgcgaaagca aacgtgaaga gaagatgtcc gagctattta aaaatatcag 180
 ggagctaaag tcaatcctgt atggaaatag tgaatctgaa ccagtgtctg aagcctgtgc 240
 gcagttgact cag 253

<210> 26291

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700904927H1

<400> 26291

gatttggttg cgcaccttca aaatgcgctg ttggagcaac gtcctaacta cgcctctgct 60
 tccaaattga acacaacaag ggaaagccgt tatcacactc agattcgaca ccgcttaacc 120
 caactccaag gattgccttc aagcagagga gaggacctac agactatgtg cttgcttgag 180
 ctttatggac taaagctagc tgagttgcag aggaaggtgc agactgacgt gaattctgaa 240
 tactggctca at 252

<210> 26292

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700904928H1

<400> 26292

cttaattctt aactacaaga gagagagaga gagagagaga gagagcgaga gagagagggg 60
 gtgagtgagc atcatggatt cagagacgag tagaggtgct tctttgacgg tgaagtattt 120
 gcaaattggg atatggtggc tctcagtgat gatctgtgtt gggatatttaa tggtttagag 180
 tgagatgccc accaacaatc tctttacaca ttggtttcca gatattcaag ctaaggcaga 240
 ttcaatatac ttc 253

<210> 26293
 <211> 257
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904931H1

 <400> 26293

 gatcagagct gtaattgtac gtacttgtaa agaactcaaa cgtagcaacg gtataataat 60
 tcagtatgat gataatgctg cagttgtcat tgatcaagaa ggaaatccaa aaggaactcg 120
 aatcttttgt gcaatcgccc gggaattgag acagttaaatt ttcactaaaa tagtttcatt 180
 agcaccgag gtattataag acgaaactgt gctatggata cattatTTTT ttgtgaaata 240
 gattaattaa tctattt 257

<210> 26294
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904932H1

 <400> 26294

 atcggcattt ccgaggagtg cgcgtgctt tgggtggtc aacggaagcg agataaatac 60
 acagagagag agagagagag agagagaggt gtgtttgttc tctgagtaga agaagatcaa 120
 gatcaaggaa gaggatgtcg aaagaggatg tgtttgttg cgcgatcgac caaggaacga 180
 gcagcagcag gttcataata tacgacgca agactggagt agtaggatgc caccacgtgg 240
 agttcaccca gttctacc 258

<210> 26295
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904934H1

 <400> 26295

 cttaaccgca acaatcccca actcgctctc tccattttct acgcatgcg cgccatattt 60
 catcaagttg gcgagagtgg tcctttggct gagagatgga agtggtcgag gccaaatgca 120

aatgtttata cattgttgat tcaaggttta gcggcgggtg taagggtttc tgacgtcttc 180
 aggggttatta gatataattg tgaaatcggc gtttctcctg gtgaggaggt tccgtttggg 240
 aagatagtca aat 253

<210> 26296
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904935H1
 <400> 26296

tcgaaacatt gcttgcaaaa acaattcacg atcacagact ttgagcgacc ttgttcatgg 60
 caagttttct gctagaaaag aaaaagacta gttagttagg cttttatgca aagaacagag 120
 ttctcccaaa cacttcaatc aaacatggct ttaccagcca atgaaacctc catggcagaa 180
 aggtctcagt ggggtgctcaa tgctcctgct ccccatcca cgtggcacia cctcatggct 240
 tctgtgagga ac 252

<210> 26297
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904936H1
 <400> 26297

cttattataa aaccagctt gatgaagcgg agaaaagggt gcaagattct gaatccaaat 60
 tggcccgctt tcgaggtcaa acagtgtcat ctagaagtac cttagatgat ggaatcgaaa 120
 ctttgaagac aaagagcaga tcaagcagtc ccattgatag aaacgaagtt tctacaaaaa 180
 gccaatca atctaaacca gaacttctta ttccttcact gaatccaaaa atatcacaac 240
 ctgtattgtt g 251

<210> 26298
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904939H1

<400> 26298
 gatgattcga cagccatgt tgtgctgct ctgttacgga attgtagtta tgaagtcact 60
 gctgtttcca atggtcttca agcgtggaaa gtcccggaag atccagaaaa tggcattgat 120
 cttgtcctaa cagaggtagc tatgcctatt ttgtctggaa taggtctttt gtgcaagatc 180
 atgagccaca aaactctgaa gaatattcct gtgattatga tgtcatctca tgattctatg 240
 ggtatag 247

<210> 26299
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904942H1

<400> 26299
 ttccgggcttt ctggtcttat ttgtcttgaa gatgaacatg ctgctcctca atctagaaga 60
 tatatacctc caaatcatat gacagagttc ttgaacaggt ttcaaagaaa tgcaggcctg 120
 gtggcatctg gtgttgccaa aaacttgaac agagtgggta actatgtgaa agatctccta 180
 aatgacattc taaactaatt ctacaatgca ccttgcattg gtggtacatt catgctccct 240
 tatgttgatt t 251

<210> 26300
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904943H1

<400> 26300
 gattccagta tgaaagttgc agttcgtatt tgatgaagat agtggagcct atcatgaaaa 60
 gctatatgaa cgaaatccat gtggatagtt atgaactctc tgtaactgaa tccaaacttg 120
 cttggttcac acacatagtt gctccaattc tcagaacaaa acagatttct ggttctagtg 180
 gagaatcgca tgagatactt gatgcggaga tttcagcatg tgttctgcag ttgattaata 240
 tttgtgacag 250

<210> 26301

<211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904947H1

<400> 26301

cccaaagtgc ttctctctc tgtctttttc tctctcttgc tctcttttg gctagtggca 60
 ctgctgcaag tgcaactcca agaagcgcag tgccaagcca ccatgtttca acattcaaca 120
 gaagcctttt tccttcact tttctctttg gaattgggtc ttctgcttac caggcagaag 180
 gagcagcaag tgtagatggg agaggaccaa gcatatggga cacctacact agacagcata 240
 ctgaaaagat ttggg 255

<210> 26302
 <211> 201
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904949H1

<400> 26302

ttccaatcgt taacagtgtc agccaaatct gttacaatgg caagggcatt aaaacgcaag 60
 cctcaatggt actgtagcca tagatggtag tggagatttc aaaagcatca atgaggcatt 120
 gaagcaagtg ccggagaaaa accgaaagcc atttgtgatc tacatcaagg aaggcgttta 180
 ccaagagtat gttgaagtta c 201

<210> 26303
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904950H1

<400> 26303

gcgggagcta ctccgtcctg tgttttctgt gcgattgccg ccaaattccac ctctagcaat 60
 actcttcttt actccgacga taagggtgtt gcttttcagg acattaatcc atccgctttc 120
 aggcattact tgggtgttcc tgtggcgcac attcctactg ttaaatatct tcagaggaaa 180
 actgacgact attctttggt gagtcacatg ttagagggtg ggaagacgtt attaaataga 240

gatgcacctc ag

252

<210> 26304
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700904951H1

<400> 26304

ggaaatggaa gatgatgtgg tctgaggcac ctcttggtat tgtttcccca ttgatggtga 60
gggtgttggc agcaaagatt cccaattctt tatgcttgat attcaagtca tatgacatac 120
tgaaaggcca ggtcaggggc atgctattat tcccattttc agcgaggaac tgatgatact 180
ggttatagtg ctgtaaagaa atattatattc tgaaattttg tttctgccga gagtaactaa 240
cctgtaaatg t 251

<210> 26305
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700904952H1

<400> 26305

cacgaagata ctcttaaaga gggagtttga aggagggata tcagatccct atttgtatatt 60
gggggttgtct ttctgaacaa ccccatcata tatcattaag aggggtatca agatcaatcc 120
ttgattagca agatcataaa ttttcattca tatacacaat ttacatatcg taacaagatc 180
acatttgttt tgttttgtgt tgtttggtgt gttgtgtgtt tgttgatctc ataataacaa 240
catggagggt g 251

<210> 26306
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700904953H1

<400> 26306

accggagcaa aaaaacttgt tacgatgggt tcttccgaca aggatccacg agaggaagtc 60

cttcaagcat ggtacatgga tgatagtgat gaagatcaaa gactcccca ccacaaagaa 120
 cccaaggagt ttgtctcggt ggaccaactt gctgaacttg gagtccttag ctggaaatta 180
 gatgctgata accatgaaaa tgatccagag ctgaaaaaga ttcgtgaaga gcgtggctac 240
 acctacatg 249

<210> 26307
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904955H1
 <400> 26307

gtttattcaa gtttatagtt cttacaagat tggggaaaaa gaaaaagaaa aagaaaaagc 60
 atacaacgat ggctatgaat ggatcacctc gacggtggga cgtgagatta gttttgacat 120
 tttctctact tttaatttca gcctctgttt ctgctcttga acatgtaaac cacaaaaaga 180
 ttgatccac caccgctgaa actagttttc ttggcaaagt catgaacttt ttgtggagct 240
 catctgggt 249

<210> 26308
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904956H1
 <400> 26308

gagaggtggt ggtgccctaa tcgtgagaag aaaggaaagg gaaaagagga aaatgggtgtg 60
 cataaggaag gcgacggtga aggaccttct ggcgatgcag gcgtgcaacc tgttctgcct 120
 ccctgagaac taccagatga agtactacct ctatcacatc ctctcctggc ccagctcct 180
 ctacgtcgcc gaagactaca acggccgcat cgtcggctac gtcctcgcca agatggagga 240
 agaaaccac 249

<210> 26309
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904957H1

<400> 26309

gactcgtacc tcgaccaaaa tctctgcaac gtggattcta attttctctg tcttttcctt 60
cattattggt atgctcgtca caagcaggat gttggaccca ccggaatcaa acgggttgct 120
tactgctcag catcagcggg accaacaaca gctacaagtg atctcagggg attgtgcaac 180
caagaagatg cagcccaagg atgcagtgag cgaattgcag tccacccatg aagccattca 240
agcttttaga 249

<210> 26310

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700904958H1

<400> 26310

agaggatgtc ccctgtggta atacagtggc tatggttggt cttgaccagt tcatcacaaa 60
gaatgcaaca ttgacaaatg agaaggaagt cgatgccac cctatccgag ctatgaagtt 120
ttctgtctca cctgttggtc gtgttgctgt tcaatgtaag gttgcatcag atcttcccaa 180
gcttgttgaa ggtcttaagc ggttggttaa gtcagatcct atgggttgtt gtaccattga 240
ggagtctggt 250

<210> 26311

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700904916H1

<400> 26311

ctcaatataa gaccttctaa cttattcttc tcccatctat tttataagca accttggggc 60
tttccaaggt agtagcattc tcacacaatg gcctcgtggt gctctcttct attgctctcc 120
ttaatattcc ttctttcatc atctgtctct catgcacttt ccaatgccga agtctctttc 180
attgctcgtc gccaatgtt gcacttacac gagaatgatg aattatctga caactacgta 240
gataattatg aaacaa 256

<210> 26312
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904874H1

<400> 26312

cgtcgtcgtc gtcgcgaaga aaatcgagca cgaagggtgaa agcttcaacc gatgcgaaca 60
 cgaacctgag catgctcaac gaggaccttc tccagaacat tctagctagg ctctctgctc 120
 tgcatttcgc ttccgcagct tgcgtcagct aatcatggaa ctctctctgc aatcgcatcc 180
 tcaactgccc caaactctct tccgcgattt ctctcaacc ttcgctcccc gatgctgtca 240
 acgagggttg tcacaagggt ctt 263

<210> 26313
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904875H1

<400> 26313

ggaaaatgaa gaacaatgcc attgtttgca acattgggtca ctttgacaat gagatcgaca 60
 tgcttgggct ggagaactac cccggcgtga agcgcatcac catcaagccc caaactgaca 120
 gatgggtctt ccctgagacc aacaccggtg tcattgtctt ggctgagggt cgattgatga 180
 acttgggatg cgccactgga caccacagtt ttgtgatgtc ctgctccttc accaaccagg 240
 tcattgctca gcttgagttg tg 262

<210> 26314
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904876H1

<400> 26314

gggttttagc gcagttcttc tagatttaag gaagatgggt aaggaaaagg ttcacatcag 60
 tatttggtt attggccatg ttgactctgg gaagtccact accactggcc acgtgatcta 120

caagcttggg ggcattgaca agcgtgttat tgagagattt gagaaggaag ctgctgagat 180
gaacaagagg tctttcaagt atgcctgggt gcttgataag ctttaaggctg agcgtgaaag 240
aggaatcaca attgatattg c 261

<210> 26315
<211> 260
<212> DNA
<213> Glycine max
<223> Clone ID: 700904877H1
<400> 26315

aacaacacaa ggccatcatc atggcagctg cttctcctat ggcaagccaa ctcaagtcca 60
ccttcactaa aactcttgta gtcctcaagg gcctctctgc ctcttcacca ctccacctcc 120
tgccttctaa gaggcaattt agctccactg ttagggccat ccaatcagaa aagccaacct 180
atcaagtgat tcaaccaatc aacggtgatc ccttcattgg aagccttgaa accccagtta 240
catccagccc cttgattgca 260

<210> 26316
<211> 261
<212> DNA
<213> Glycine max
<223> Clone ID: 700904878H1
<400> 26316

gaagagaaga agaaggttca aaatccaatc catttttcat ttcgaaagat cgtgatcgca 60
atgtccctct ccaccgtgag gcagcggcgc tcggagccgt ctgatccgtc gccatcagaa 120
ccgtacacga agctggacaa gcccagaaaa gcggaggaga aagacgaagg gttgggggtgg 180
gttttcccggt tcgtggctct tgggttattg aggtacatga gtgccacctc caacatcatc 240
cacgatagcg acgaggtctt c 261

<210> 26317
<211> 263
<212> DNA
<213> Glycine max
<223> Clone ID: 700904879H1

<400> 26317

ctccaacagt tcaaattcga ggacagccag tgaaccagaa ggctgggtgc tgctcgactt 60
 agagagagac gaagtatttg gggctctaga agttcatgtg tctcagtggc atctaaaact 120
 agctttttcac attgctttca tatcaagatt gttcgtcatg atttgttcct cttatcgtaa 180
 agccgttggtt aaaacttcca ttattttcta tgtatttgat tttaaaagaa aaaacatttg 240
 tacaaaatta ggaatattgg tga 263

<210> 26318

<211> 263

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904882H1

<400> 26318

ctcaaagcca atcggctcga gcttcttttc tcttagcttc tcttagtgta naggttttct 60
 cgtgctcctt ggagaagagt tatgcctttc aagcagcaag aaaggaggac acagaaagca 120
 acaatcttca tcaatatact catcttggtc acctcagctc actccttcct tcattcttct 180
 gcagctcttc taccaaaggt cgacaaacaa aagcatcatt agaagtggta cacaacatg 240
 ggccatgctc ccaactaaat gat 263

<210> 26319

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700904883H1

<400> 26319

actccttcca ttccatcatc ttctaccac accaaaaatc ctaaataaac cccaagacaa 60
 ctctctctcc tctctctctt cttcttcttt tctctcttag agcccacaat cactttctcc 120
 ttagacgaaa gattcgaagc ctgctgccc aagacatgtg ggaatgggca gaacataagc 180
 taccggtttt acatccaagg caagcaaaaa cccttttgcg ggcagccagg cttcgagcta 240
 acgtgcggtc acaacggctt ccc 263

<210> 26320
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904884H1

<400> 26320

atttgaggggt taatataata gaggcacaag acttgcagcc aagtgataag ggtagataacc 60
 ctgaagtttt tgtgaaggct actctgggaa atcagacctt gaggactaga atctctcaga 120
 gcaggaccat caatccaatg tggaacgagg atttgatgtt tgtggctgct gaaccatttg 180
 aaggagctcc tgatctgaat gtggaagaca gatgtgcaac taaccaagag gagtcgctgg 240
 gggaggtg 248

<210> 26321
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904885H1

<400> 26321

gattgagtca tgggcaagca agggccttgc tatcactgtg gagttacaag cacacacttt 60
 ggcgtaatgg gccacctgag aagccagtac tatgcaatgc atgtggatct cgatggagga 120
 caaaggggaac acttgcaaata tatacccctt tgcacgcccg ggcagaaaaat attgattatg 180
 aggatcaaaa ggtttccagg gtaaagagca tatcattaaa taagaacaca gaagtgaaat 240
 tgggtcaaacg aaagcaaa 258

<210> 26322
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904886H1

<400> 26322

cttgcagtga gttgcaatct ggtacaagac agtatgtaag taggtacttc cgtactgctg 60
 ttgaggtttt gtctggtgat caagtatctt gttcctacct tggaggctgc accatcccag 120
 cggactgcat caagttaagc cattataggg gttggaacag ggattcttga tcaaccaacc 180

tgagtacaga attcttctgga tgaatctgca gaaaataatt actctgataa aaaggtagg 240
 cactttgaat tcttttagct g 261

<210> 26323
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904887H1

<400> 26323

gagaggaaga gggagtgaga gagagtgttc ttcgtttgct accttctccc agaaatgggt 60
 acgttcaggt ttcaccagta ccaggtgggc gggaggggctc tcccaacgga agcagatcag 120
 catccgaaga tctaccgaat gaagctctgg gccaccaacg aggttcgcgc caagtctaag 180
 ttctgggtatt ttttgaggaa gctgaagaag gtgaagaaga gcaatgggtca agttcttgct 240
 atcaacgaga tttttgagaa ga 262

<210> 26324
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904889H1

<400> 26324

ctcgcaagca aaaagaaaga atcccaggcg aggagaaaga tggaggggaa ggagcaggat 60
 gtgtcgttgg gagcgaacaa gttccccgag agacagccga ttgggacggc ggcgcagagc 120
 caagacgacg gcaaggacta ccaggagccg gcgccggcgc cgctgggtga cccgacggag 180
 tttacgtcat ggctgtttta cagagcaggg atagcagagt ttgtggccac ttttctgttt 240
 ctctacatca ccgtcttaa 259

<210> 26325
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904890H1

<400> 26325

gctggatcat gatgaaagca tcaacatcac cctttaacct aaagtattaa aatgttggtt 60
 tattattatt actcatagct caaaacccaa ttttacccta ccaattaagg tctctcatac 120
 agtagtattt tatttgcact acgtactggc tactttattt atttaagcag aagcaggtga 180
 gtgagtgagt gagcaagagt gaagagcgaa gagaatggct cccaagggtt taatcttttt 240
 ggctgtgtta tgcttc 256

<210> 26326
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904891H1

<400> 26326
 gcacaatcat attggtacat acatgtcatg tatttataaa atccatgtta cattaatttg 60
 ttgatacata ttgaatttta cattttatta tatcttcaac tgcaaacatt gcctcgccag 120
 ggaataacaa gacgattgaa gaaagcaagt aaggaaattg accaattctt ggagcaaatt 180
 atccaagacc acgaacataa tcaatatgat aattataaag tgcaaaaagc tccacacaat 240
 aacaaggact ttgtgg 256

<210> 26327
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904892H1

<400> 26327
 ctatcttctt caccttgctc tcaccttctg ggtaatgttt gaaacttggg gttagctgag 60
 ctgtttgaca aaaatgaata ttgcacaagt tacagcatgg cagcctggga tttgtgtgaa 120
 aaatatgtct cagttgcacc ggcttcaatc taaaccatgt gttataccaa agagtttttg 180
 tcctctcact tgtgttctac tgagcttaag agcaagacaa tcgttttagct cgaaatgttg 240
 gcccatTTta caatctcg 258

<210> 26328
 <211> 258

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904893H1
 <400> 26328

cctccctggc cgaaacggag ccggatcagg ccgcggaatc cctaagccgt ttgcgaaaat 60
 ccgtttccca gcacggaaac ccactcagc gagtgggctt ttacttctgg caggccctct 120
 cccgcagaga agaaaagggc cataatagca cttgggatga ggagttaaca ctctcttaca 180
 aagccctgaa cgacgcctgc cttactcca agttcgctca cttaaccgcc aaccaagcca 240
 tccttgaagc cacccaaa 258

<210> 26329
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904894H1
 <400> 26329

acacgctgcc acaatatagt tccgtgtatg ttagtgcaaa gtctgggtccg gtgacgcctc 60
 aatcttctgt tcgttgggat aatccaagca aagagaaggt taatagtcac atcagaaacc 120
 ggtccagccc cttgcggagg ttgttagacc ctttattgaa gcacaaggca tcagataaac 180
 acaattcagc tcaaagcagt caggcactag aggggtggaag tgcaaattca agcttcagga 240
 ctattggtgt caatgaat 258

<210> 26330
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904895H1
 <400> 26330

atttagtctc taatttctaa aactcgtcag tgcaatagta taatggacaa cttcgaagat 60
 gctacagagc cagtgagtc tagtggacga ttcttcaaca ccacgggtgct atatgcgtat 120
 gtttttggct tcttagaatc agaagttcca attgaattct ctcaagccaa gtatttgttc 180
 gaagatgtct ttctaccgt caatccacac ttttcttcca taatgggtgag agatgaagaa 240

ggag

244

<210> 26331

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700904903H1

<400> 26331

gcacaatatc ttagaaagcg aatactgatt ccagataaga aactaggtac tcttactagt 60

gatattgctg ggcagttgaa agatctaaga caaggccgtg tagagtttaa tatggaaagt 120

aaatcaattt tgcattgtggg acttggaaaag gtaagctaca aagaagaggc ttacggggag 180

aatattagtg catttatgaa tgctgtattg cttgtaaagc ctgctggcctt aaaaaagact 240

tccaaatatg c 251

<210> 26332

<211> 77

<212> DNA

<213> Glycine max

<223> Clone ID: 700904907H1

<400> 26332

cgagaataga gaatggtcaa agtaaaaata aaatgaagga attaaaaatg gaaggcgtgc 60

ttctccacac aacatac 77

<210> 26333

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700904910H1

<400> 26333

gtgagttaca gacacaacac aacgcacttc ttctcactgt ccccatggca tcgagcacga 60

tccgcaaggc gattggcgtg gtcaaggacc aaaccagcat cagcattgcc aaagtcgccg 120

gcaatttggc ccccgacctc gaggtcttaa tcgtcaaagc caccagccac gaacaagtcc 180

ccgccgatga aaaatacgtc cgagaaatcc tgacattgac gtcgctttcc agaagctaca 240

tcaacgcttc tct

253

<210> 26334
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700904911H1

<400> 26334

tttcttttca ttttccctca ctttctcgct ccccaaacgc ccctctctct cctccaatgg 60
ccgaccagct caccgacgac cagatcgccg agttcaagga ggccttcagc ctcttcgaca 120
aggacggcga tggttgcatt actaccaagg aacttgggac tggtatgagg tcacttggtc 180
aaaacccaac tgaggcagaa ctgcaggata tgataaacga ggttgatgct gatggcaacg 240
gaaccatcga ttt 253

<210> 26335
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700904913H1

<400> 26335

ggaggagagt gtttctcttc gccaaaggag atatggctga ttccagaaat cgcttgctga 60
tacatacgca ctccagtctt atttggcgag gaggagagtg tttctccaaa aaagcccact 120
actttgcctg aggtggccaa gcagcgtgag ctaagtggaa ctttggaaag tgcagactct 180
atattgaaaa agcaactctc tgatgcgaag tgcaaggagc ttagtgggtca tgacatattt 240
gctccaccac cag 253

<210> 26336
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700904873H1

<400> 26336

tttctcacat ctctctctc ctcttctctt ctccagcacag ctaaagcttt taactttcaa 60

cctcttctga atccaaataa cctttttctg tttccaaaac acatactata tatctctctc 120
tctctctctg tttttcggtt tcctctgac atgggtcgtc caccagtaa tgggggcca 180
gcctttcgct tcaccagct gggggtatca gaaatggaag ctattcttca agaacataac 240
aatgctatgc cgtcacgtga tgttc 265

<210> 26337
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700904830H1

<400> 26337

gaagaaaagg cgaagatcaa aatgactcca gctgctgggt tcagagggtta tcaaaggctt 60
ggagaaaata taactaaagg tgtacctgac atgcatgaag ctattgattg ctatagagaa 120
gtgaccaagg acatgtatgg agatcttggc aaagttatgg aaggaagcaa tcaatggcca 180
caaaatcctc caacattcaa agttcttatg gaggagtatg ttagtctctg cagagacctt 240
gcaaggaaaa ttatgctggt aatcgcttta gc 272

<210> 26338
<211> 178
<212> DNA
<213> Glycine max

<223> Clone ID: 700904834H1

<400> 26338

gactgagggtt gggtttgga ggcaagggtt tgtgttgta caatccaaga gagaagtaat 60
ggcgaacata gacatcgaag ggatcttgaa gcagcagcag ccttatgatg ggcgcgttcc 120
gaagacgaag atagtgtgta ctttggggcc tgcttctoga tccgtagaaa tgaccgag 178

<210> 26339
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700904836H1

<400> 26339

gcgacttcga tctccggcaa tctaactaaa acggcggcgt atagcgggat ctgcgagcat 60
 ggagggtgag aacgcgagca aggtgatcga attggtgaac gagatagcca gcatctccga 120
 gtacaggcct ccggtgaaga agcagtactg caacttggcg cggaggctga agcttctgat 180
 cccgatgttc gaggagatta gggacatgaa caaagacgcg cttcccaggg acacttccaa 240
 cgccgtcctc gccttcaagg aagctctcca atccg 275

<210> 26340
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904839H1

<400> 26340

cagagtttcc cgccctttga ggggggaatg tcagcttcct tggatacatc tgatcataca 60
 tcagacgttg agagtgaag aacaaatgga aaaccaaaga ataagcttcc tcgtcctcgt 120
 aatcctctaa ttgatgctat tgctgctcat gacaaaagca agcttaggaa ggttactgaa 180
 agggttatgc ctcaaattgc accgaaggta gatgaaagag attctttact agaacagata 240
 agaacaaagt ccttcaactt gaagcctgct gtga 274

<210> 26341
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904842H1

<400> 26341

gagaaagtgt aaagaagagg aattatctgc atcaatcaac catcatcata atcatgtctt 60
 gctgtttatc ttgctgcgcg tctttgacct gtgggtctctg cacctccact gcatcttgca 120
 tagcccaaaa atccgctaga atcggttact gtgggtctctt cgggtgtctct ctcgtcgttt 180
 cgtggatcct cagagaagtt ggagcacccc tcttgagaa attcccatgg ataggtggca 240
 catccgatac caacacaacg ggggtgtatc 270

<210> 26342
 <211> 268

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904843H1
 <400> 26342
 accagagcga atccttttct tctcccttgt tttgaacacc gtctgtggat acccttttgt 60
 taaagccaat tgttttctca gatttgagga caaggaggtg gtgggggagg agataatata 120
 gggagaaaaa cataatagag agaaaaataa aagcacaac gtgaggctct tgttgaaaac 180
 acacaattag atataccagt tgtcaatttg tcatatctga aatttctcaa gttgtgtttg 240
 tttgtcgtag aattgtaggg tcagctgc 268

<210> 26343
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904845H1
 <400> 26343
 aaatcttata ttagcaatag ctacccttat cacaacaata ctatggtagg caaaaacacc 60
 aaatgggaga ggaaaaagag cagcctaaga gtgaaaccga gaagaagccc gaggaggccg 120
 ccgcagcccc caagaaagac gacggaccca tccctgtcgt ttacaaactc gacttgcatt 180
 gcgaggggatg cgtcaagaag atcaaacgca catgtcgcca cttccaaggt gtggaaaccg 240
 ttaaggcaga tctatcgtcg aacaaagtg 269

<210> 26344
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904846H1
 <400> 26344
 ccaaaacact gccttgaaga catggggagg ccgccagag aacgtgaagg cagcacaaga 60
 tgcactcgca ttccgtgcca agtccaactc actcgctcag cttgggaagt aactgggtga 120
 ggggtgaatcc gaggaagcca agaaggagtt gttcgtcaaa agctactcct actaagatgt 180
 ttgcagtga tatgatactt gttaggcagc aacaccagca gttacagtag gtgttgacgg 240

09531413-032200

acgatgaagt ggaagactaa tttgtctaa

269

<210> 26345

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700904847H1

<400> 26345

gtgatacttg agaagaagga tacagaagtg atagaagaga agaaggaaag tgttggtcct 60

attagtccag aggaagttga gatacgggga attcccctgc ttggggacga gaggagcgat 120

gtgattctgc taaagtttct ccggggccagg gatttcaagg tgaaggatgc cttgagcatg 180

ctgagaaaca cgggtgcgttg gagaaaggaa ttcggaatcg agggctcttg cgaggaagat 240

cttggaagtg attgggacaa gtggtgttca t 271

<210> 26346

<211> 168

<212> DNA

<213> Glycine max

<223> Clone ID: 700904848H1

<400> 26346

ctgagatgat gccccctgag caagaaacaa ctattgcaac aaacattcca gccatcacia 60

cccgacaagc gaccagctcg gtccaccatg aatcagaggg ttcaaact aacaaaatca 120

aaccaagttt agaattggat gataatggac ttcctccaca caacatac 168

<210> 26347

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700904851H1

<400> 26347

gtcctctggt gctgtcatgt tttcaattgc tgtttatggt gtccataggg tgcagtagtg 60

tctgggctca tcttggtgct gccctcttgt tgggcttgct ttggatgcaa agcacttacg 120

tgggtcatga ctctggccac tatgaggtta tgtctagccc tggctacaac aaattggcac 180

aaatcctttg tggcaattgc atgactggga taagcattgc atggtggaag tggactcaca 240
atgctcacca catctca 257

<210> 26348
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700904855H1

<400> 26348

ctcgagccgt tctcttaggt ttccgcaaga tctgcaaact ttggcttcca ggaaattcga 60
gaaggctcac tccggcgacg gcgccagtcc aggcaaaatc ttcattggag ggtagccaa 120
agacaccacc cttagagacgt tctgtaagta ctttgagaag tacggggaga taacggactc 180
cgttataatg aaagaccgtc acacgggtcg gccaaaggga ttcggcttca tcacctacgc 240
cgatccctcc gtcgttgacc aagtcatt 268

<210> 26349
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700904856H1

<400> 26349

ctcacgtcgc ctcatccct ggggtctgaa tgaggggatt tatttgaatg aagttgatcg 60
agttctacgt cctggtgggt attggattct atcagggccca ccataaact gggagaatca 120
ctggaatggt tggaagagga ctcgtgagag tctcaaagag gaacaggatg gaattgagaa 180
agtggcaaaa agcttatgct ggaaaaagtt ggtgcaaaag ggtgaccttg caatatggca 240
gaagcccacc aatcatattc actgcaaaat c 271

<210> 26350
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700904857H1

<400> 26350

gttatgcaaa tgatgtccaa gaccatattg actatggaac ttctggaaaa gttgctggat 60
 ttatagctga aacaatgcag ggagttggag gagctgttga actggcacca gggatatttga 120
 aacttgttta tgacattata cataaggctg gtgggtgtctg cattgccgat gaagttcaaa 180
 ctggggtttgg tcgaacagga agccattatt ggggatttga gacacagggt gtcattcctg 240
 atatagttac catggcaaag ggtat 265

<210> 26351
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904858H1

<400> 26351

gatttttcaa gctctaccct cccttcctc cactttcctc cctcttcttc ttttgcttct 60
 gtttttgagg cgaagaagga tggaattgta atgctgggaa tataattgga gaattggggg 120
 aggagtaagg gaggaatatca tacacaatgc ccgagttccc cttgagctcg aggttgga 180
 gggtgcaaaa tagcttgaga gagaatgggt ctctgggtga tctcaatgtg tatgatctta 240
 cacctgccaa caattatctt tacgcct 267

<210> 26352
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904861H1

<400> 26352

gagtaacctc tcaatcctag cttcaattat attgattttt tcacatttct aaatccattt 60
 ctaccatatt cttctccctc taattaaacc tctctatcca tatctaaaat ttcaaaaaga 120
 tctcaattaa ttagatttcc ctctctcctc ctctctctaa ctatattgca aacctttccc 180
 tctgctttca aaatcagcaa attcatgggt cttagagaca ttgggtgctc actgccccca 240
 gggtttcgggt tttacccgag tgatgag 267

<210> 26353
 <211> 266

<212> DNA
 <213> Glycine max

<223> Clone ID: 700904862H1

<400> 26353

ctcaggatga ggaagaagga tcagttattg atgaagaggt tgctgaaccc cctacagatt 60
 taagtcagaa tgatattggt actgttgatg attcaacttc tgctgtcctg gatgatgcac 120
 caaggagatc atatgcagcc attgtcatga aaagtcatgt agcatctggt catgtctatg 180
 ttcccagccg agctgcaaga atagcatctg ctaaattccag tgaacaatgg cctactactg 240
 ccaaatcaac ccctgtgcct gaggca 266

<210> 26354
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904863H1

<400> 26354

gtgagtttgg aacttgaaag aaactagaat ggccacttta gacgaacgcc tttctgcgaa 60
 aaggtggcctt cctctcgaag ctaaccctga cgtcatgaac cagttccttt ggggtcttgg 120
 ccttccagtc tgtgaggcag agtgcggtga tgtgtttggc ttagatgaag agcttctgga 180
 aatggttccc aagccagttc tcgccgtgct ttttctttat ccaattaccg cgaagtctga 240
 agaagaaagg ttgcaacagg aaaacgt 267

<210> 26355
 <211> 167
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904865H1

<400> 26355

ataaaataaa cactttggtg aaactttata ttttgcattg tgtattctta aaagaatacc 60
 ttataaacia aaaaaaaaaat ctttatgaat tatggagaaa aagagaacca aatctgaaat 120
 atcttaaagt gtgggggtgt gtagtaaagt ttaatatccc tattaat 167

<210> 26356
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904866H1
 <400> 26356
 aattttttctc tcaaccggcc caatttagca taagcccagc atggccaccg caacagcagc 60
 agccacctcg tccttcatgg ggacgcgcct cctggaggcc cactccgggg cggggcgggt 120
 gcaggcccggt ttcgggtttg gcaagaagaa agccgccgcc ccgaagaaag tttccagggg 180
 gtcgggctct agtccgata ggcccctgtg gtatccgggc gccaaaggcg ccgagtacct 240
 ggatggggagc cttgtcggag acta 264

<210> 26357
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700904867H1
 <400> 26357
 gaaaaagaga agagcttatg gtggaagggt gaagaaagag atgagtggaa ctggaacatt 60
 cttctacggg tcggtaattc agccgttgat tcgctaccac tatctatcac caccaatccc 120
 tattegtccc ttatgctgca tatcccctct catcacctcc attcactcca acgaagccgt 180
 ctctccgcaa aacggaacgc ttcgcttcca gacagagcac aaggganaca gcgaagaacc 240
 gcttcccgtt ccgtcactct ctg 263

<210> 26358
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700904868H1
 <400> 26358
 aattttctggc tgcacaaaag gcatgtcctg ccatacagc ataacttatg nagatggaag 60
 tacgacctct gggctctata ttaaggatga tcttacattt gatcgagttg ttgggtgatct 120

ccgtactgtg cctgataata ccagtgtgat ttttgggtgt ggttctaaac aatctgggac 180
 attgagttca actactgata catcccttga tggaataatt ggttttggac aagcaaattc 240
 ttctgtgctt tcacagcttg ctgca 265

<210> 26359
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904869H1
 <400> 26359

caaagagcga ctacagctac ttctggacct gcaactgggtt ttccacgcaa cccacaacag 60
 aaaactgcaa tgtctggcct gctcaatgat ccaagtatca aggacttggc tgaacagata 120
 gcaaaagatc catcattcaa ccagatggct gagcagcttc agaaaacttt tcaaggagct 180
 ccacaggatg ctatgccgag ctttgataat caacaatatt tttcaaccat gcaacagggtt 240
 acgcagaatc ctaattttat gacca 265

<210> 26360
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904870H1
 <400> 26360

gtctcaaaca actgccagac attccttcaa tctcaaagca agaatgtcat tatttcattt 60
 ttggcagctt tatcaataat cattcatgtg tccctctctt ggctattcac aatgcaattc 120
 aagtatggga ttcttggggc aatgatttca acaatttttg catactggat tccgaatatt 180
 ggtcaactaa tatttattac atgtggttgg tgccctgaaa catggaaagg tttctctgtt 240
 ttagcattca aagatctttg gcct 264

<210> 26361
 <211> 275
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904828H1

<400> 26361

tctgaatgga gagcgagggtg gtgtccattg cagttttcta atgaaaacaa caaaatagac 60
 acctgttaag aaggaggaca acgatgggtgc tgccgctatt tactgctttc attctctttg 120
 cttttattcc gaatggattg ttagcagttc cttccaccgt cccggcattc ctttggtcat 180
 cacattatga actggcctct gaaaatatat tgaaggaatc tgtaaattac caagtcattt 240
 ctccgaagga tctagcaaaa tctattttat ctgaa 275

<210> 26362

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700904787H1

<400> 26362

gcctcgctct gtttctgtat ctgtgtttgc ggctgaggat tccgaacgag cgaccttctt 60
 cgtttctcgc aaagttaag tcatcatggg taaggaaaag actcacatca acattgtcgt 120
 cattggacat gcgactctgg gaagtacaac taccactggt catttgatct acaagcttgg 180
 aggtattgac aagcgtgtga ttgagaggtt cgagaaggac tacgctgaga tgaacaagag 240
 gtcattcaa 249

<210> 26363

<211> 142

<212> DNA

<213> Glycine max

<223> Clone ID: 700904789H1

<400> 26363

caaagtgctt ctgtcctctg tgtttttctc tgtcttgcta tcattttggc tagtggcact 60
 gctgcaagtg caactccaag aagcgcagtg caaagccacc atgtttcaac attcaacaga 120
 agcatttttc atccacacaa ca 142

<210> 26364

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700904790H1

<400> 26364

atcaggagag tatggagctt tacaacacca acaaacaagc acatttgcat ccttagaatt 60
 tcatgttaaa ctgagtaaaa agaaatttga aataaaatgc aaaacataag gttgaaatgt 120
 gcttgtttgt ttggcattca ggagagtatg gagccttagt gctttaccct tttttccagc 180
 agatattctc gcttaacctt ccagtcttct tcagctaatg accgatagaa aagcctaaat 240
 aagaact 247

<210> 26365

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700904792H1

<400> 26365

attgaattgg tgatgaagtt tttatacgta caaatacaag cgagtgtctt gtgatgtaat 60
 gacactctta tgttgaagcc aatgtttata aataactgaa ttcacaaact cattacccat 120
 gtgcagtagc actaagacaa gcgacgagtt tgtgtgcaac ccttttaatt aatcaacgtc 180
 tactgattga taacatgtat ttgggactac tagtacttga atgctctggg ttgttgcac 240
 aaaggca 247

<210> 26366

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700904793H1

<400> 26366

ttaatatttc atcatttttt tttcctttga aaccagccaa gagggttatt tttgatccct 60
 caaagctaatt ttctcatttt cttttccggg actgaagagg ttgtctattt gaaatctcct 120
 tcatcctttc cttattgttg aaaagttttt gtttttgttt taattaacca gcagttactc 180
 agtttttagaa agacgcaggt tgaatcatca tggcagctat gatggatttt tacagcagca 240
 gcacagagt 249

<210> 26367
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904794H1

<400> 26367

at tt tgggggc gagt gatgtg cgaagt gagg gagatgcagt agaata gtaa tagtggtaac 60
 aaaaggcaac agagaacaga agagaaagga aaagagaggg ttgtgtgagt tacc caagag 120
 aaaggatgaa gaagagcgcc agcagcttgg ttccaacgca ggaacctcaa gctgcggtta 180
 ttcaagcgga aaatcgaatc tt tgggagga agaaggaggc atggacgagc ttcttgca g 240
 ggtgggttaa 250

<210> 26368
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904796H1

<400> 26368

ccacttgcta gattggttgt actgacacta ctagccacca cg tttgtgct ctgctccact 60
 tcgcactctc cgccatcatc gtcacatca tgcaagcgct tcattcccc accctccgca 120
 cttctccctt ggacctcttc ggggccccaa caatgccgcc gccaaagcgac gcgcctcctc 180
 tgccaagcgc gtgttcttcg tgtccgccac ggtggcgccg aagctgtccg ctccgcagcg 240
 gcacaa 246

<210> 26369
 <211> 120
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904802H1

<400> 26369

atcaactctt tcaaaaggga gaagaaaagg aaaggaaaca aaacgcacaa aggattatta 60
 tagcaatggc agaacaaaac caaaaccaga caactgaagc tacaaggcac caagaggttg 120

<210> 26370
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904804H1

<400> 26370

atgcaaaaca ccccataaaa aaaatgatgc atctaagctt atattttacc gttgttgcca 60
 tagcgctcct attttcattt acatcttctt cagcagatac tcatgaaaac tttgttcaat 120
 gtctttataa ttatcccaat agcggaacct caatctcaa agttgtttac acccagacca 180
 actcctcata cacgtctaca ctagattctt caattcaaat ttctagggtc ttaaacgcaa 240
 gctcaaaacc cttgtcattg tg 262

<210> 26371
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904805H1

<400> 26371

ctaattctcc aagaataaga gaatccaaaa gtctctcaa aaataaccat gatgatgcat 60
 gtcctttgct tctcagtgtt cctagcagca gcaatgcaag gaacactggc ggttgaatac 120
 agtgtcacca acaacgcctt ctcaaccctt ggtggtgttc gtttccgtga tgcaataggg 180
 gacgaatagc ccaaacaac acttgactca gccaccaat tcatatgggg ggccttccag 240
 caaaacgctc ctgctgatag aaaagatata caaaaaata 279

<210> 26372
 <211> 282
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904806H1

<400> 26372

agcttggttc taagaaattt cgtgggtcta agaaaaagaa taaacacaat gagggtgagt 60
 caggtagtga aatttcaagt gctgtgggag aagaaaagtt accaatttta gaaattgaag 120

aggaagagga ggaagagaat ggggataata agtcaagtaa cactaaacct gattgcggaa 180
 tcacttggtc ctatgagaag aaagtgaata gagttgagaa ttcaggttct tccatggttt 240
 tagttatgat tattgccctt gttgggcttc ttttgggtcg tt 282

<210> 26373
 <211> 281
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904807H1
 <400> 26373

attttctctc ttctctgctt cttcttggtc aaatcttagg agctgaggag aatcaatcga 60
 gagaaatatg tctggtatcg ctctgggacg ccttgctgag gaacgaaagt catggcgcaa 120
 aaaccatcca cacggtttcg tagagaagcc cgagactcta cctgatggca ccgtaaattt 180
 gatggtctgg cattgcacta ttctggcaa gaccgggact gattgggagg gtggatattt 240
 cccactgaca atgcacttca gtgaagatta ccctagcaag c 281

<210> 26374
 <211> 277
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904808H1
 <400> 26374

tacaggtttc atctgatgtt aacatgcaaa aggaagaaga tgaagaactt cgctttccta 60
 atcacctgt atgttatttt ttttccttgg caagatatta gtgaaaatgt ttctttactt 120
 ttgtgatttt cttatgtgct tgatgtaacc gtatatatta taatatacctt actggaaata 180
 tcaaattctc ttcagcttat cgtgagagac gggaacagaa ggctaatagca agacataggt 240
 aagcaaaaca aagtattttg gatgctttat taggtta 277

<210> 26375
 <211> 72
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904809H1

<400> 26375
 ctctgtctcc ttattctctt ctttcacgcg gcggaagcac ggggacagtg gcagctcctc 60
 cacacaacat ac 72

<210> 26376
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904810H1

<400> 26376
 taaaatcatg tgattataga acattggcta ttggtgatgg tgggaatgat gtaaggatga 60
 tacaacaagc tgatattggt gtgggcatca gcggcagga aggattgcag gcagcaagag 120
 cagctgatta tagtattgga aagtttagat tcctgaagag attaattctg gtccatggcc 180
 gctactctta caaccgtaca gcatttcttt ctcaatattc attctataag tccctactga 240
 tatgcttcat ccaaaccctt ttttcattta tttca 275

<210> 26377
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904811H1

<400> 26377
 cctttgttca ctcttcttct cttgcggcta gggtttttagc gcagttcttc tagatttaag 60
 gaagatgggt aaggaaaagg ttcacatcag tattgtgggc attggccatg tcgactctgg 120
 gaaatccact accactgggc acgtgattta caagcttgga ggcattgaca agcgtgttat 180
 tgagaggttt gagaaggaag ctgctgagat gaacaagagg tctttcaagt atgcctgggt 240
 gctggacaaa cttaaggctg agcgtgaaag ag 272

<210> 26378
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904812H1

<400> 26378
 cccaaaccct cctccattcc cagccatctc tctctttctc tctaaaacca agtctcgttt 60
 ctctctctc ttgctgggcc tcttcttcgg gcttcccggc ccatcgccgt ctccaacgcc 120
 acaaccttct tctgcttttt cgatttaggg ttttcgcgcg ctctcccttc cttctcctgg 180
 atctgctagg agaagcgctg aatgctctga gcttcaacgc tgtttgtag atatggcgtc 240
 ttcgtatccc ggttccgta gtgccgca 268

<210> 26379
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904814H1

<400> 26379
 ctcgagccga atcggtcga gcggctcgag aagccttgct ttctacttca cttcaaacta 60
 gccaatctcg aagatggcaa cagaattggc atctcccaat tgggttccaa ccgcagccgc 120
 atgtttggca gccttgccg cctcctctc cttcctctc cgcggtctcc gccgccgtaa 180
 atacaatctc cccccaggcc ccaagccctg gccatcata ggcaacctaa acttaatcgg 240
 ctccctccca caccagtcga ttctaacgct gagtaa 276

<210> 26380
 <211> 280
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904815H1

<400> 26380
 gtgacataac tggagctata aagaacagca atggtcttga catccaagc ctacttgagc 60
 attccaaagt gcacagggga gtaaaaggat tcaatggtag tgatccaata gaccctaact 120
 caatattggt tgaagattgt gatgttctag tcccagcagc tcttgggggt gtcatcaata 180
 gggaaaatgc aaatgaaatc aaggccaaat ttattgtgga agcagctaata caccctaactg 240
 acccagaagc tgatgagatt ttgaagaaga aaggggttgt 280

<210> 26381
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904818H1

<400> 26381

attaattgca agaatggcac ttcgttgctt ggtgatgtcc ctttctgttc tcttcaactct 60
 tgggtcttgcg agagaaagcc atgccagaga cgaagatttt tggcatgctg tttggccaaa 120
 cactcccatt ccaagttcat tgcgagatct tctaaagcct ggccctgcaa gtgttgaaat 180
 cgatgatcac cctatgcaaa ttgaagaaac acagtaccgc aaaaccttct tctataaaga 240
 agaccttcat ccaggcaaaa caatgaaagt ac 272

<210> 26382
 <211> 88
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904819H1

<400> 26382

gtgatgccca aaccgagacc acttcgaaag agcgaaacgc agtgtagca ttgttcctca 60
 acaaaaaaaaa aataaaagga ggaaaaag 88

<210> 26383
 <211> 136
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904820H1

<400> 26383

tttaacgtta actagtaact agtaacctct tagcattgaa tttccggtat taatttaatc 60
 gatttgaacg taattagtag ctttgaagtt ttcttttatt atatgagtag cttttattaa 120
 aacttgagat tcactt 136

<210> 26384
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904822H1

<400> 26384

ccctcaccac caacgccaaa caagccctaa atctctcttc tctttcttct tcttccttta 60
 accatgagag agatcttgca cgttcaggga ggccaatgcg gtaaccaaag cggttccaag 120
 ttctgggagg tgatctgcca cgagcacggc atcgatcca cgggaaagta caacgaggaa 180
 ggcaacagca gcatccaact cgaaaggatc aatgtgtatt acaacgaggc ctctggcgga 240
 aggtacgttc cccgtgccgt gcttatggat ctcgaa 276

<210> 26385

<211> 280

<212> DNA

<213> Glycine max

<223> Clone ID: 700904823H1

<400> 26385

aaaacatcta acaaagacc ttaaagatac atttaccctt attgagtttt gcctatgtct 60
 tatgacttac gcacacaaca ataaaagttt gaattttcaa cgaaggcgctc caaaccccaa 120
 acctacgcat tttttctttt cccaaccaa cagctcctct ctttatgttc ttgtaaattc 180
 ttttggttaa agtttcagct ttcagaattg aaaaaaaaaa tgatcaaaca gggtcttctt 240
 gttctgctct tcttggcctc tggattgacc ctctcagtct 280

<210> 26386

<211> 274

<212> DNA

<213> Glycine max

<223> Clone ID: 700904826H1

<400> 26386

atcttaaaac gtattgggca ctggccgcca ttttgaattc tgggtgaggg attgaagtgc 60
 gattataggt ggaggaggat ggctttagg ggatgctggg aatgcctttt gaagcttttg 120
 aacttcatat tgacccttgc tggctgggcc atggcggt atgggattta tctgtttgtt 180
 gaatacaata aaactccgga taatactctc actgcggtg atgatcaaac tctagttaa 240
 cttggccgac ccatgctagt ggctgtgtct ctgt 274

<210> 26387
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904827H1

<400> 26387

gtcaaacagt cggtaactct ttcttttctt ttcttttctt ctccgatcgc atcgctcgca 60
 accacaatca tgccttcccg aagaagaact ctcttgaagg tcatcattct ctgtgacagc 120
 ggggtgggga agacgtcttt gatgaaccag tatgtgaata agaagtttag taatcagtac 180
 aaggcaacca ttggagcgga tttttaacc aaagaagtgc aatttgaaga taggcttttc 240
 accttacaga tttgggatac agctggccaa gaaag 275

<210> 26388
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904786H1

<400> 26388

agcaagtgga tcgccgaaca gaccacgcc aatcgccaac gccgcaccga agaggtttct 60
 cgcgagttcg ctgaggagca agagttcttt cgccaaaccg ctctcatctc caaaaaagag 120
 aaggaaaagg tgggctcatg caagctgtta gtttcatgta cgttcgtact ccgggctaca 180
 acgccgagag tgccaaagct gctgaaatga acgacgagaa gaaaaaagag gacatgagca 240
 aggggcttag 250

<210> 26389
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904741H1

<400> 26389

accacattca aatccaaatg gccctttaca ttacactaat aattggcctc ctagtaaaca 60
 ccctagtact ctataaatag catttgcagc caccttagtc ttcacaaaaa tactcctctt 120

ggcatcttgt gttgtgtcct cttttaagct atttccttct cttaacacaa ttggttgtgc 180
 caattgccat agtcaccaac caattaacaa aggtatatat atcatcatat catcaccaaa 240
 tgaaaaatat tgg 253

<210> 26390
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904743H1
 <400> 26390

cacaaggcag aaagcaagct catcctagag ttttaaaaat ggcagcagcc tcctccatgg 60
 ctctctcttc cccatccttg gctggcaagg ccgtgaagct gggcccatca gccccgaag 120
 tcgggagggt cagcatgaga agaccgtcac caagcaggcc tcctccgaa gcccatggta 180
 cgccccagac cgcgtcaagt acttgggccc attctctggc gagccccct cctacctcac 240
 tggcgagttc 250

<210> 26391
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904749H1
 <400> 26391

caaacataca atggctgcag tgctctgggc tttggctttg gtaagcctct gcggccagct 60
 accttccaat gcccaagcac ctgcaactgc gccggcaaac tcaccaccta caacccagc 120
 tccaacatca ccaccttccg cagccactg gcggtaaacac tacaaccaca agtggtggca 180
 tccccccca ccacaagtac accaacaact acaccacaac cacctgcaat tgtagctccc 240
 aaacccgcac ctgtgacacc ac 262

<210> 26392
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904751H1

<400> 26392
 agcgctccgc tccggagcga tgagtgagag tgagaagcag agggtaacgg ggaaggtgaa 60
 gtggttcgat gaccagaagg gctctgcaact cataaccacc gacgacagcg gcgaggaatt 120
 cttcgtccac cagtactcat ccgatccgac ggcttccgca gcctcgcctt cggcgagtcc 180
 gtcgagttcc ttactgactc tgctcccgaa gccgcaccaa ggctgtcgac gtcaccggcc 240
 ctgacgaatc 250

<210> 26393
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904755H1

<400> 26393
 aagataacta gaaacagtgt gatgaaaatg aaggctcctg ttttcttcgt tgctacaatt 60
 tcggttagcat ggcaatgcca tgcgtacgat atgttccttc tccgaatgaa cactggctat 120
 ggtgcccgtc ctccgaggtg aaatgcgcaa gctggaggct tgctgtggaa gcacacaaca 180
 tctttggctt tgagaccatt cctgaagagt gcgttgaagc aacaaaggaa tacatccatg 240
 gcgaacaat 249

<210> 26394
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904757H1

<400> 26394
 acaaagggtt ctgtaggaga taagattgca gtagtgctaa gtgctaacac ctgcagtgaa 60
 caatggcctc tgcacagca tctctgctca agtcttcact agttcttgac aagtctgagt 120
 ggggtgaagg acaaaccttc gccaaaccttc tgcacagtt gtgagatgca accccaccac 180
 cccatcaggc ctcacatca gagctgggtc ctatgctgat gagctcgta agaccgcgaa 240
 aacagtgg 248

<210> 26395
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904759H1

<400> 26395

acctagttcg cttgcagtca cacaagaggc caatactatt catagctaga gatgggtgaa 60
 gaagtgaagg tagttgttcc agaatcagtg ttgaagaagc gccacaacga cgaggaatgg 120
 gcgttggcca agaagaagaa ctcgatgctg ccaagaagaa gagagccgag agccgcaaac 180
 tcactacaa cagagctaag cagtacgcta aggagtacga tcaccaggag aaggaattga 240
 ttcggttgaa acg 253

<210> 26396
 <211> 220
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904761H1

<400> 26396

caacgcaaga ttggcagcgt catcggccgc ggcggcgaca tcgtcaagca gtcgcgcgcc 60
 gacaccaagg tcaagatccg catcgcgac gcgctccccg gctgcgacga gcgtgttgct 120
 accatccaca gtcctccac ataccaatc acttcgacga gaccggcgat ctcgtctcgc 180
 ccgcgcagga cgcgcttttt agggttcacc agcgcgtgat 220

<210> 26397
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904762H1

<400> 26397

gacaaggaca agtcgctga caagttggag tctgatgaaa aggagaaaat tgagactgct 60
 gtgaaagaag cactggaatg gctggatgac aaccagagta tggagaaaga agattatgaa 120
 gagaagctga aggagttgaa gccgtttgca acccaatcat tagtgctgtg tatcagagat 180
 ctggaggagc cccaggcggg ggtggtgcat caggcgaaga agacgaggac gattctcacg 240

atgagct

247

<210> 26398

<211> 123

<212> DNA

<213> Glycine max

<223> Clone ID: 700904763H1

<400> 26398

attacgttat ctcacgattc tttgactgtt ctccacacc acacagatgt ttctcatcct 60

gctccttatt ctctatttc acgcggcgga agccaaggga cagtggcagc tactccacac 120

aaa 123

<210> 26399

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700904765H1

<400> 26399

tcccaattag gatcgagaaa cattggttagc agcgagagcg ctggtgcagg tgggaggccg 60

aagcttgtgt tgcaacctcg gacactgtca gtgagcaatg aaggggacaa tgtggggaag 120

cctaaagggg ttaatccgtt cggagaggcg aggcgaggga gcaggttttg gcggagaaag 180

ggcaggattg gaagaagatt gatgagcagc ttgagagcgt caagactaag gagacaactg 240

gtggtggtgg tgatggg 257

<210> 26400

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700904766H1

<400> 26400

agcaagttat tagatttttt gctgggcat cgacatgaag ccctattccg cagagctgag 60

ctgaaaacac tcgtaaattt gcatggtaat gaggctggaa aaggggggga actgacacat 120

gatgaaacaa cgatcatgcc ggggcacttg aactcagtga gaagacggcg agtgatgcc 180

0053113-032200

tgactcctat atctgaaaca tttactgctg atattaattc aaagcttgat agggaactga 240
tgaatgagat 250

<210> 26401
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700904767H1

<400> 26401

agcttgctcg tttggttatg gacaaatccc cgcattccta cctcgccttc tccggcgccg 60
aagaatttgc taggcaacag ggcgcagagg ttgtggacaa cgagtacttt atcacacctg 120
acaacgttgg catgtcaagc tggcaaagga agcaaacaca atcctgtttg attacccaat 180
cccaacatcg gggtagcaga cgtgcggatc cgggtgtggag agtcactgca aatgaatgga 240
ctcccaata 249

<210> 26402
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700904768H1

<400> 26402

tacaagctag tttatcgtga ggagaacacg aagttgcttg tactctatgt tgctgcagta 60
gttttggtag catggccacg ccatggcgca ggctaccaa ggttccctat ccgaatgaaa 120
actggctatg gcgacgttct tcggaggtaa aatgcgcaag cttcaggctt gctgtggaag 180
cacacaacat ccgagatatt aaaaccattc ctgaagagca cactgaacaa acaaaggact 240
acattaatgg c 251

<210> 26403
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700904769H1

<400> 26403

atgggggtcag aggtgtctaa acagatggag cgaagaaaga caatccagac agagaagaag 60
 agtctgtacg atctgaaaag cagcggagaa gactaccctg gctccgacta ccgtcccca 120
 gacagaaaaa actgatgtcc catctcgacc ctcaaaaact ccgcatcaac caaatcgtct 180
 ggcccggcac ccacgactcc gcaacaaaaa aaattggcat ccctctcctc actcgcccct 240
 tcgcacagtg 250

<210> 26404
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904770H1

<400> 26404
 attcgctgcc actgcaacag ggtaacctaa agttctctct ttatcattct tattccaata 60
 ccacaataaa ctctccact tttcactaac ctacgcaact cctatcacta tccgtgcaca 120
 taaatgcaat caataccctt tttctctctc ttgaaattac cttcttcctc tgtaagagct 180
 gattagccag gatcactaat ttaacagcaa caaatggcca ccttcatttt caaatgcttc 240
 tgagacatta tt 252

<210> 26405
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904771H1

<400> 26405
 agatcaatca gtggagctcc ccacttgaac atcaatcttg aaatgaacta ttggcctgct 60
 cttccttgca atcttagcga gtgtcaagaa cccttgtttg attacatttc tcttctgtct 120
 gtgaacggca ctcaactgca catgtgaatt accaagcaaa tgggtgggtg gcacatagta 180
 aatcagatat atgggcgaga acatcagcag gtcaagggtga tgctgtgtgg gccttggtggc 240
 caatggg 247

<210> 26406
 <211> 168

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904772H1
 <400> 26406
 gcttattcta gaactcgacg gcacgccacc caccgctgag gacatagaag atgttacgga 60
 ggagcaagag aaggtagaag aagaacaaga agatgatgaa acaattgaat ccgatgttga 120
 gctcgagggt gaaacctgcc agtctgatga tgatcctcca cacaacat 168

<210> 26407
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904773H1
 <400> 26407
 gtcggtcctt cgaagcattt tataagcctc caatttcctg aactacacc aacatacaat 60
 ctttcaagta cacctcccca gcttccattt aagaacgcca ctactagaa taggccaatg 120
 gttaagtctt ctgatttgtt actactatta ctgcagacag aaggggttcc tgtgggaatc 180
 acttttgttg aaaatgcagt ggcaaaaggg gctgtttgtt tggatgggag tcctccagct 240
 tacca 245

<210> 26408
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904774H1
 <400> 26408
 atcaggcatg caaactggag gacatagcca gtatcccttt ctttccaaga catccactgt 60
 taactctagg ttactacctc aaggtagtgg tgggtattata agtgggagca gcagtgcctt 120
 ggtgcatgga gctgtgctcc ttctgctgct cggccaccaa accttggttt tagtgctgaa 180
 cccacacctc aaatcccttc acctgttaaa gctgtttctg ccataccgcg tgagaagccc 240
 aacctcca 248

<210> 26409
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904775H1

<400> 26409

tccagacctt aatttttctc tcattcgctt caaatttcag gaaatcaatt atggctcaac 60
 cctcaacaag aataggcctt gctggactgg ctgttatggg ccaatatcta gcaactcaata 120
 ttgctgagaa aggtttccca tttctgttta taaccgaacc acttccaagg ttgatgagac 180
 tgtagaacga gcaaaacaag aaggaaatct tccagtttat ggctaccatg accccgaagc 240
 ttttgttcat 250

<210> 26410
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904776H1

<400> 26410

gtcgaggcat cggcacgcac gggattggta tcttacttga cggctctctat ggaacagga 60
 caggttccac tgtttctgtg gaaaatgtag gactccttgg cctaaccga gttggaagtc 120
 gccgagttgt taaatttctg ctgggttttat gatattcttc tctactttag gaaagtttgg 180
 agctgtgttt gcatccatac ccttcccaat atttgctgca ttatactgtg ttctctttgg 240
 ccttggt 247

<210> 26411
 <211> 138
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904778H1

<400> 26411

cacacatata ttgctttggt tgctagcttg tagtagtacg aattgcagga ggccaaatac 60
 aactctagag taatatactt gtaggtagat gtagtgcccc gtaaccggtc gtaaggccga 120
 gaatagtcaa cgtttcca 138

<210> 26412
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904779H1

<400> 26412

gctccaatat tccagttggg cactttctcaa aactgcacaa gaagaagaag cttcaacccc 60
 aggaataagc acggtttcta aaatgttttg caattttcac attattcttc taattgctct 120
 tgcacttttg gtacaatatc atctcagctt ggctccaagg tagaagtgct tcctggcttt 180
 gaaggccctc ttccttttga actggaaaca gggcacgctg gattaggaga aaaagatgat 240
 gacatgca 248

<210> 26413
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904781H1

<400> 26413

aggctcgaga aggggccaga ttattgagca gtgtaggaga tccaaagttg ggaagctgtt 60
 ggagtgtgat tttggggaga gtaagtgtca tccccctagt agtataatgc agatgtttca 120
 agggctgctt ttctttctca gcctcaaggg gattcgtata ccagaagatc tgcttttgat 180
 tcaatgctgg ctgggcgtat accagtgttc ttccatccgg gttcggcgta caccagtat 240
 acatggcat 249

<210> 26414
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904785H1

<400> 26414

aatgaatcca aaagcagaga atgcatggca atatttgaga atttcattga gctgtgcttc 60
 taggaatgac atgttggaag cttgtgatag tcgtaatttg gaccttctcc agaaggagtt 120

tccactacag tagggcgcgt ttgagtgaac agcttaatca agcgcttagt gaataagtac 180
 ttatcatata agcactattg tataagattt ttttttttaa taattgaaga g 231

<210> 26415
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904739H1

<400> 26415

cgacaaatgg taggaacaaa ttgctactca aaccgga cctgaatgc atcaagtgg 60
 gctggctatg ttaccaacat tgctgggtgtt aattcctatg tcaactgggtc cctctctcc 120
 gtgctcgtct gttttatgtc tccgatactt ttgggatcaa tgcaaacactt tttagggtact 180
 tggcagacaa ggttgcaaga aaaaacgggt gttattgtgt ctgtcccgac ttcttcaatg 240
 gggac 245

<210> 26416
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904707H1

<400> 26416

atctaaggaa ggaaatgctg ccgagacact ctacaaattt atgagacctg aagacactcc 60
 tgttcagtat ggaggactga atcgccccag tgatttgcag aatggctgct caaacctgc 120
 atctgagttc acaatcagtg gggtcataaa gtgtacatac atatagtacg tattgaggct 180
 ggtgcaacta tcacatggga cattgtagct ggagtgtggg acttgggaata cagtgtgag 240
 tttgtgccag atgctg 256

<210> 26417
 <211> 222
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904708H1

<400> 26417

aatcgaaaag ctccatagaaa gtggctcgtgc cttccttagc ggtgatctgg agtccatcga 60
 caagaactta actcggctgg ttggcgctct gcagagtgtg ggtgccgggg agtgctggca 120
 caaacacggc agcttccttc acacctcgtc gaccacctc gcattctcaa gctctggaaa 180
 gccctcact ctgtctgcct ctgtggcctc ttccacacaa ca 222

<210> 26418
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904709H1

<400> 26418

gctttcactt cttcctctct gattcttctc attccttgcc ctctctcgct attgagcttt 60
 tctttttaac acggaatacg accaccacaa aagggttttg aggctttcta tcactctaaa 120
 gctcttagct cattcacctc ttggtgggtg ggtctattat gtaaactacc atttgtgcaa 180
 ttttttctca gatctatcca acttctcttt tccatccttt actctgtttg caaatcgcca 240
 tcatcaccac ttgatttgca 260

<210> 26419
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904710H1

<400> 26419

tttcaagacc aattgcactc acatgccata cctgaccata aagcagcagc tgggtgctatc 60
 agaggctata ttaagttgaa tgattctaac ccaaagtcta cagcagagga agatgataat 120
 atgtcaaagt tgcttccttc tcagagaaga aaatgagaca aaagcagaga aaggcagaag 180
 caagagccaa aaaggaggca gaagagaaga atgaagagtc aagtgccagt ggggtatcaa 240
 agtctgggaa gcggcacata a 261

<210> 26420
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904711H1

<400> 26420

atctcttctc tctccacca aacccaacc accgcccctg ttccactctc gtatccgtca 60
 tgaaaggagg aaagtccaag accgaatcta agagagccga tcccaaactt gctgtgaaca 120
 agaagggagc cgccaccaag gcaggaaacc cgccggcaag gggaaggcag cgaaagaccc 180
 taacaagcca aagaggcctc caagtgcttt cttcgctttc atggaggagt tcaggaaggc 240
 attcaacaaa gaacatcct 259

<210> 26421

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700904712H1

<400> 26421

gtcacttctg gaatcttcga ttacctgcaa gagcgcgcac caggaagcac gttgtatggt 60
 ttcaaagggtg gacctgcggg cattatgaag tgcaaatacg ttgagctcac ctctgaatat 120
 atttatcctt atagaaatca ggcggctttg acatgatttg cagtgggagg gacaagattg 180
 aaactccaga gcagtttaag caagcggaag aaacagctaa gaagctagac ttggatgggc 240
 tcgttggttac tgggtggtg 258

<210> 26422

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700904713H1

<400> 26422

atctcttctt gcttctatat attcttgctc ctctctactt ttcaattact ctctctacca 60
 aggagtgatg gctgtgcaac tgtgggaaac cctgaaggaa gccatcgtgg cctacaccgg 120
 cttctctcct tccaccttct cacgggtgacg gcgcttcttt ttgccgcctc actacgtcgt 180
 cacgggtctt tttggttcac ccgacgacca ccacgaccgc cactgccacg cccacgagga 240
 ggagat 246

<210> 26423
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904714H1

<400> 26423

gttagaagta gtgaagaaaa tgaaagtcac tgttttcttc gttgctacaa caatttcagg 60
 tgcagaatgg caatgcaatg ggtagagaca tgagcatgag catggccaca gctaccaaatt 120
 tttccctttg cgaatgaaaa cggccccggg ggccactaca ttccggaggt atccgtgcaa 180
 aagttggagg cttggtgtgg aagcacacac gtcattgact ggag 224

<210> 26424
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904715H1

<400> 26424

aactcatcat caagggttc ttctgatcac atcaataata ataagtcgac gaagcacaat 60
 gaaatgggtc aacaccacaa catcaaatg ggattcatgg gacaatcaaa gccgccaaca 120
 actgaacaca tagttgacaa aataatgaat cggaagcaag cagtgatgtc aacacaactc 180
 ttggacattc taaatacaat gcttaccgtg ctgccaccat ggcgcttcca gttgttccaa 240
 tggatgaggt agccttgatg 260

<210> 26425
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904717H1

<400> 26425

tagagaccat tcattgcact gatagcagcg atggggatcg atcttaaggc tgggggtaag 60
 agcaaaaaga ccacaagaac agcaccaaag tccaatgaca tctacctcaa attacttgct 120
 aagctttatc gattccttgt tcgaaggacg acagcaattt caatgctgtg atactcaagc 180

gcttgttcat gagcaaggtt aacaagcctc caatttcttt gtcaaggta attaagtata 240
 cgaaggggaa ggaggataaa ttgctgt 267

<210> 26426
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904718H1

<400> 26426

aacggatctc cccgttatag atctttctcc ctccctctac ggcgagtggg acccacttct 60
 ctgcgccgag gtcagccgca gcctcagga aaccggcgcg ctctctgtca aggaccctcg 120
 ctgcaccgtc gaggacaacg atgcttcacg gacatgatgg agcgctactt ctcaaaaccc 180
 cgcgacttca aacaccgcca tgagagaccc caattgcatt accacgttgg ggttacacca 240
 cagaaagcag aagttccaag aag 263

<210> 26427
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904719H1

<400> 26427

ttaagccaat cctgctcccg gagccgcca gcccgacggc agcgcggtggc actcccgaca 60
 tcttcgaatc aggtgtccac accctcgtcc gcacagccgt tgtcatcggc aacggtttcc 120
 catcctccga gaatcacagt acggtttgct ccgcgccctt ggctctccc acgaccacct 180
 cctattccgc gttacgaggc cgagaggtgg aatcgacgat tggctccatt ggctttccct 240
 ctctctgcat cgaaaat 257

<210> 26428
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904720H1

<400> 26428

attttacttg cctcctcaag agaaaggcta ctttgttttg aatgatgttt ttagacatgt 60
 tgatgaccaa ggaatccaag ggctgtctca tgatattgga tctcctgccc ctccggacac 120
 tgttttccaat ccttctgtgc tgagacacaa gtttccgagc aaatatctgc gacagctgag 180
 gatggtgatg aagaggcagt ctatcaatca gaaaatggtc aagacgcaat tgaagaagag 240
 gaagcacctg ta 252

<210> 26429
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904721H1

<400> 26429
 aaaagctgtg gatgaggatc ctgagaatga cctctataga aagtccttgc aagcagccat 60
 taaggcccca gaactacaca tggagatcca taaaaatggg cttggtctga tgagtaatgc 120
 gggatcctct gctacttcaa agaaaaggaa tctaaaaggc agaagagcaa tgactttaag 180
 tatgacatat ttggatggac tattcttgca gtgggcatag tagcatgggt gggaatggcc 240
 aaatctaaca ttcccc 256

<210> 26430
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904722H1

<400> 26430
 tatctctccc tcactctcac catggaggcg caaccaccaa cccctctgac tgcaccgcag 60
 cctctgccgc cacacctcag ctaccccgac tccgtggaat cctcgctctg ctcccgcaac 120
 accgactcca gggacgagac ttcgcgccgg cgtccaccaa gctccgtctc atgtgcagct 180
 acggcgggca catcgtcccc cgccccacg acaagtcctt ctgctacgtg ggtggcgaca 240
 cgcgcatcat cgt 253

<210> 26431
 <211> 248

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700904723H1

 <400> 26431

 aatcactcta gctgttgcaa atttctacta tttttcaatg gcttctgcag atgttgagtt 60
 ccgttgcttt gttggttaggc ttgcttgggt caccggcaac gatgccctcg agaaagcctt 120
 ttcaatctac ggcgacatgt tgaatcgaag gttatcaacg accgtgtgac tggaagggtcc 180
 agaggattcg gatttgtgac cttcgcatca gagcagtcaa tgaaagatgc gatcgcagga 240
 atgaacgg 248

<210> 26432
 <211> 257
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904726H1

 <400> 26432

 aatgaactgt cttcagaatc tttctcgatt ctatgttttg cccttcgata cacttggttac 60
 gcgccaccgc aagaaccttc ccctttccct gggtttcgtc aataattctc atcaaaatct 120
 aactatggca ctcaaggctg ctcaggttct ataccgagtg cagacacaag tagtgccgat 180
 aaggaggaag aaaagtctga gacatatagt catagcatga cagaagccat gggtgctgtt 240
 ttgacttata ggcata 257

<210> 26433
 <211> 105
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904727H1

 <400> 26433

 gtgagtgagt gagtagcagc tagcaatgga aattactgcc atggcttctt cagctactcc 60
 tccacgacct tgtgttccaa ctcttccac ttctccacac aacat 105

<210> 26434
 <211> 256

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904729H1
 <400> 26434
 atcctttacc atcccgatt ctccctgcc aacaaattc cccactcgc aaaccatagg 60
 cagcagcagc agcagcaaca acaacagcaa cgaagaattc gaagagaaat caaatcgaat 120
 ctcatattgat ctgtgcgcgc tgaggcggcg gcaatggcgg agcacttggc atcgatattc 180
 gggacggaga aggacagggt gaactgcccg ttctacttca agatcggcgc gtgcaggcac 240
 ggcgaccggt gctcgc 256

<210> 26435
 <211> 109
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904730H1
 <400> 26435
 cattgctcac gctctctgat tggcctagcc agtagtagcc aatttggttg agctggttgg 60
 gaatggcgctc gaaaccgaaa tcaaattggaa attccaaatg caacaaagg 109

<210> 26436
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904731H1
 <400> 26436
 aacgaatgaa caaggatttg ggcatttgag agagatcata tggagaatac taagatgatg 60
 ggggtgaaga tacaggacta tgcttcta atggagagta ataattatcc attccttgat 120
 ttctctgaag atacacgctc ttaggggttta tggagctatt ggggtgcgcaa gactatagtc 180
 ctctccttga ttccctcta tcgtcacacg tgtcagggcc tcaaacctct tctgttaagg 240
 aaccacctga gactaa 256

<210> 26437
 <211> 263

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904733H1
 <400> 26437
 atctcattaa ttaattcaca aactaactta gcttccaaat tcatatggac ctggcgacaa 60
 agatggatc agagaggcca gtggtgatat tcagcaagag ctcgctgctgc atgagccaca 120
 ccataaagac ccacttgtgt gatttgggggt gaatccagcg gttcatgagc tggatgagat 180
 cccaagaggc agagacattg agcaagctct ttcaaggctt ggttggtctc catctgttcc 240
 tgctgtattc atttctgggtg agc 263

<210> 26438
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904736H1
 <400> 26438
 aacggttcgc tgggtccgtgc ctaatgtggt tactgggtgga aaccacattg gtggctgtga 60
 ctcaacaact gccctgcaca ctcaagggaa gctgggttct ctgctgatat ctgctggagc 120
 tgttgccaaa tcaactgctt aaaggatctc ccatctctag gttatgcagc taaataaaaa 180
 taaaaaccca agtagttggg tcggctatat aattcaggct ccagaaacta atgtgtgta 239

<210> 26439
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904737H1
 <400> 26439
 attcagaaac cctaatttct caaaatcttc agaggacaca cagcacaacc acaacctcca 60
 cagcctctcc taccaccgg agccatggcc gccgcccact cctccgccgc tccatcgac 120
 cagttgtcgc agaggagcg gacatccaga tgatgctcgc agccgacgtt cacctcggca 180
 ccaaaaactg cgactttcag atggaacgct acgtcttcaa gcgcagaacc gatg 234

<210> 26440
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904738H1

<400> 26440

gggactccct ggaacaactg gggctactta catagactac ttagtcactg atgagtttgt 60
 ttcaccacta gggtagtcaa atatatattc agagaagatt gtacatctcc cccattgcta 120
 ctttgtaa at gattacaaca gaaaaatcaa gatgtgttag atcccaactg cccacacaac 180
 cgacagacaa atgggtctacc tgaggataaa ttcatttttg catgcttcaa tcaactgtac 240
 aagatggatc ct 252

<210> 26441
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904706H1

<400> 26441

caagcagatc aatctctctc tctctctcaa ccataatagt catgggtttg aaggaggatt 60
 ttgagcagta cgctgagaaa gcaaagactt tgccaccgac tcaatcaaac gaagacttgc 120
 ttatccttta tggattgtac aacaggccac cggttgacct gtcaacacca gccgtcctgg 180
 aatgttcaac atgacggaca gagctaaatg ggatgcatgg taagctgttg aagggaaatc 240
 caaggacgaa gcaatggg 258

<210> 26442
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904672H1

<400> 26442

caaaaagaaa gaatcccaag cgaggagata gatggagggg aaggagcagg atgtgtcgtt 60
 gggagcgaac aagttccccg agagacagcc gattgggacg gcggcgaga gccaaagacga 120
 cggcaaggac taccaggagc cggcgccggc gccgctggtt gaccgacgg agtttacgtc 180

atgggtcgttt tacagagcag ggatagcaga gtttgtggcc acttttctgt gtctctacac 240
accgtcttaa c 251

<210> 26443
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700904674H1

<400> 26443

attggtcctt gtctcttgaa ttgagcattt gctgcgaaat tttgaagatt caagtattca 60
acgttccaga agagttcttt gtatacattt atatatagca cctgaaattg gctttggagt 120
tcttatactg tttgtttgtt tggttttgaa attctggatt ttggattgtg ttctgctcag 180
ttttgttaag gagaaagtgg ggtttgagag tgtgggcatt atttattatt agcggtttgg 240
ttcaca 246

<210> 26444
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700904675H1

<400> 26444

ctgtctacct aatttgttct gatctaactt tggcctagga agcccaccat tgggttttgg 60
tgggctttca ttgaaccaat aaaaaaccca tctttaaaag gtgttttgtt ttgaaggttc 120
caatttgctt cctgtgtttc tttccaacaa ggaagggagg gtgtgtaatt aatttgtgtc 180
aagtagtgag tgaggtcatt tttggttttg cttttcccct tgtagccat tgggtgttgca 240
caattggcat 250

<210> 26445
<211> 221
<212> DNA
<213> Glycine max

<223> Clone ID: 700904676H1

<400> 26445

gaatcgggtga gatgaatcac aacaacaaca atagagcgag gtaccctccc gggatggggc 60
 ttggggcgcgg tggtttcaat ccgaaccgga gccagaaccc gaacttgaac cagaaccgga 120
 gcctgaacca gaatcatcac gcgttccagg ctcgccacc gtaccatcac cagcaacaac 180
 ggggtgcagta cgtgcagagg catttgctga gcaacagcag c 221

<210> 26446
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904678H1

<400> 26446

aacactttcc acttgtctcc gaattagtta tcttgagaaa cattattccc attgctatat 60
 attatggcta gcatgaaggt tacatgggtg gttgtgatca tgtgcatggc cgtgggtgggt 120
 gcaccgatga tggcgcaagc catgacatgc aatgatgtga cggatgaacat ggcacagtgc 180
 ctatcctacc tgatgcaggg aggaacacct tcaacacttt gctgcagcgg agtcaagaca 240
 ttcttggtc t 251

<210> 26447
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904679H1

<400> 26447

ggttgagtag ttcttcatca tagtcttaaa cattaaacct tagcaaaact caacaatgct 60
 agacatcaaa ggctacctcg tactcttctt cctatgggtc atatcaacca ttctgatagc 120
 ttccatcttc aagaaaccac agcgtctaag actcccaccg ggtcctccaa tttcaatacc 180
 cttgctggga cacgcgccat atctccgttc actgctccac caagcattgt acaaaactata 240
 ctgcgctat 249

<210> 26448
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904680H1

<400> 26448

atcaagacaa gcaacgtgat gcagagggcg aagacggtaa cgatgataaa ggggacgatg 60
atgacgatgg agatggtgga tttggggagg gtgaagagga gttgtcatct gaagatggag 120
gtggatatgg caacaattcc aacaacaaga gcaactcaaa gaaggcacc gaaggtggcg 180
caggtggagc agaagagaat ggggaagagg atgaagacga agatggtgat gatcaagaga 240
tgatgaggat 250

<210> 26449

<211> 216

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904681H1

<400> 26449

gtagtagtag ttgtagcccc tgcctgagat taactatata ctagttgtta gttacttact 60
tacatacata gagatagagt caatggcaat tgcagctgca aactcatcac ccaccatgag 120
cctcagccat agccagagcc aagaggatgc caccaccgcc tccacgagca agaagcctat 180
cgncgtcgac gataatgatg atcacgggca cgacat 216

<210> 26450

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700904682H1

<400> 26450

aagaaatcga aagaaggag gagaagggtg tcaatggcag agtgtttggg tgtttcagtt 60
tcaactcttg gctcattctc tcttagtagg cccacaatct tttatcgatc tccattaat 120
atctctctct ttgcctctca atctcatttc cctgctgctg catttggtta tttgacacct 180
tccaaccac acctgtacgc cgctgtctcc tccgactcca aggcgctac ttcgctagac 240
ctactcaacc cgatct 256

<210> 26451
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904683H1

 <400> 26451

 cattaagctt gggtcatcaa aaggcctcat cacttgaagg gttactatat actacttctg 60
 tgactgaaaa gtgagctgag gtgtataact gcaaatgggt gtttggtggt ggaagctggt 120
 tgttgctgct cttgctggga ttctcttctc aacccaatat tgtgcttccc aaaaagttcc 180
 aaactacaca tttatttaca atgcaacgac agcaccagac gtatcatact acgactacat 240
 cgaattggcg gcggc 255

<210> 26452
 <211> 80
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904684H1

 <400> 26452

 aacacaaggc agaaagcaag ctcatcctag agttttaaaa atggcagcag cctcctccat 60
 ggctctctct tccccatcct 80

<210> 26453
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904685H1

 <400> 26453

 tgtcgtccct agaacaaaca aagagaagaa aaccgggaa cgcaacctag aacaaaaacg 60
 aagcagttga agatggagca cgacgaagac gaagagccac ctcttgctgt tcagattcaa 120
 gggaatgatg aatccgtttc tcagcaatct tcttctgttg gggtcactct catcaccggt 180
 tatcttggtt cgggcaagtc cactctagtg aatcatatct tgaattcgca acatgggaag 240
 agattgctgt ca 252

<210> 26454
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904686H1

<400> 26454

tttcactttc catttccatt tccatttttt ctggttcact ttctcgatgg cctccgagaa 60
 cccacccgcc gacgacgccg tcaacggctt caatcggccg gaaatgttct cggaaaacct 120
 cgccggcacc gtcgacgcct acgaccgcc a cgtgttcctc tgctacaaga gtcacctgtc 180
 ctggcccccg cgcacgagg cctccgacgc cgatcccttc cccaagcgcg tcgcccgcac 240
 ttcaaagccc g 251

<210> 26455
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904687H1

<400> 26455

tccttctcct ggatgtggct cccctcactc tcggaattga aactgttggt ggagtcatga 60
 caaagttgat tcccagaaac actgttatcc caaccaagaa atctcaggtg ttcaccacct 120
 atcaggacca gcagactaca gtctccattc aggttttcga aggcgagagg agtctcacia 180
 aggattgccg ccttcttggg aaatttgatc tgtctggaat tcctccagcc ccaagggtac 240
 gcctcaa 247

<210> 26456
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904688H1

<400> 26456

tttctctttc tcttttgcac tctctctgaa ttctgatgcc atggagtcac ccggtaacga 60
 gcatgtggtg ggtggcgcag aacccaacga cgtcgttacg cctttttccc acagagaaga 120

acctcacaat tcccaacccc tcaccggcca cgggtgccagt cccggaaaga tatttatagg 180
 tcatttagcg agagaaacga ccattgcccc atttatcaag cactttggta agtatggtag 240
 atcacgga 248

<210> 26457
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904689H1
 <400> 26457

caatcatgtg aaggacgagg caagaaggaa gtgttggtggg aggaaagagg cagagctgca 60
 atcaccagag tggaagcgcg aaacggctct cccggcttt ccattttttc tcttctgatg 120
 aaattttagt tcatcccagt tgctgattga gattgaattt aaattcgaaa aagcgtactt 180
 gtgccactgt acttttacag atctgcggct acgggctagc ctatcgatt tttgcgtaga 240
 tctag 245

<210> 26458
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904690H1
 <400> 26458

ccaatgtgaa cccaagtga gttggggata ttgttgtagg tagtgtattg gctcctggag 60
 ctcaaagagc tagtgaatgc cgaatggctg cattttatgc tgggtttccc gaaactgtgc 120
 ctgttaggac cgtaaatagg caatgttcat ctgggctcca ggctgtcgct gatgtagctg 180
 ctgctataag ggctgggttc tatgacattg gtattgggtgc cggtttggaa tcatgaccac 240
 taatc 245

<210> 26459
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904691H1

<400> 26459

aaagaaatga cctgaagtct ctatatattc caggtaacga agaccttagc aaccaaatga 60
 aagcgtaacc atgaacggca cgtgtagcgg agtactaggc cgccgttaca cgctactgct 120
 gtccgtcgtc accgtttgaa ttaccacccg ctactttgtc gtcattcttc ttctttcttc 180
 cttttcattg accttttctt tccttcgtcc tccaatggcg actgttccgc a 231

<210> 26460

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700904692H1

<400> 26460

accttatctc acccttcttt gactgttctc ccacaccaca cccatgacac tcttctgct 60
 ccttattctc ctctttcacg cggcggaagc caccggacag tggcagctcc tccacaaaaa 120
 catcggcact gtcgccatgc acatgcagct tctccacaac gaccgcgtca tcattcttga 180
 ccgcaccgac ttcggactct ccaacctaac cctccccgac ggaagatgcc gcaacaccca 240
 aacga 245

<210> 26461

<211> 244

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904693H1

<400> 26461

catagctcaa accgtttttac ctacatttca atctgcattt ggtttaaatg ccgagtttga 60
 taggtttgac gacgtgcgtg gactctttga aggtggaatt catctcccta cagatgcact 120
 cagtaaaatt agccccctac cagtgtccta ggaaatcttc cgcactgatg gtgatacact 180
 cctcaagttt ccacaanctc atgtctacaa agnnagtaag tctgcatgga tgactgatga 240
 agaa 244

<210> 26462

<211> 248

<212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904694H1

<400> 26462

accaaacaaa gtcctaaaag aaaaccagca ataacaaata gtaatagtga ataacagagg 60
 atgtaaaaag cctcacactc agagtcacag aatcctcgcg ccacaagca aaacagagac 120
 anaaaaaaaa gcagaaatgg gatcattccc aaaagcaaaa cccaacaaca ctcacaccga 180
 caccaacacc aacaccagta acagggttat gggttttctc ctagttttct ttccggagag 240
 aataacaa 248

<210> 26463
 <211> 208
 <212> DNA
 <213> Glycine max

<223> . Clone ID: 700904695H1

<400> 26463

atcgactcac ccaacgcttt gtctaccgct ccggcagcgg gtagtaggaa gaacgcgacg 60
 ctaatttgcg tcccaataat gggagaatca gttgaaaaga tggagattga cctggacaaa 120
 gcgaaagccg gaggcacgga ccttggtgaa atgcgattgg attgcttgaa aacctttgac 180
 ccctatcgag atctcaacgc tttcagtc 208

<210> 26464
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904696H1

<400> 26464

catttttctt ggatttattg ctagctcaca aggagtgcag gttgatccat agaaggtaa 60
 agccattcaa gattggccaa cccccaaaaa tataagtgcg gtaaggagct ttcattggctt 120
 agcaagtttc tatagaaggt ttgttagaat tttttgcact ttggctacac ctctaaatga 180
 aattgttaag aaaaatgttg tttttgaatg gggatgatcaa caagagaagg cttttattgc 240

tttgaaag

248

<210> 26465
<211> 291
<212> DNA
<213> Glycine max

<223> Clone ID: 700904702H1

<400> 26465

cgcatgcacg cgtccgcgag cccagtgcc a cgttgaatt ttgactgaag acaaagttag 60
aacaaaacaa catgtcttgc tccgtcgcgg tttccaattc gccggtgttc tctccttctt 120
cttccctctt ctgctcgaag cctccatca tctcttcttc gccggaatcc tctccctctc 180
tctgtcgcac ctcaaacctt cgaactcttc tacgtcgtcg tcttgttctt cgccttctgc 240
tgctgctgct tcttcttctc cttcttctcc gtttcgactt cgccttccca a 291

<210> 26466
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700904671H1

<400> 26466

cgccatccaa ttgatgggtt tcttcttcat gacagtcttc atgtttgctc ttgctataacc 60
ttacaatcat tggaagaacc acaacaatat tggctttggt gttatgtact cattcacatt 120
cttcttctcc aactttggtc caaattccac cacatttggt gtgccagcag agattttccc 180
agcaaggcta agatctactt gtcatggaat ctgagctgct gcaggaaagg caggagctat 240
gttggtgcat tt 252

<210> 26467
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700904704H1

<400> 26467

ggcacagcac accgcaggcc tccctcaaca tctcaacttt gccttcgata tcaactctcag 60

gtgttggtga agcttcctgt gttggcttgg tatccctgca agttctgctg tagcagatcc 120
 ccagggtgaag gtgtcatgtc aaatttcttt catgtttgaa caggctatca tccatttggg 180
 agcaactgag ctgcttggag agtatctctc ttcctctagg aaaaattaca caccctcacc 240
 aca 243

<210> 26468
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904638H1
 <400> 26468

caaggaccta cttgaagccg aaacagtgtt caaggaaatg ccacaaagaa acgttgtagc 60
 cgagtccgca atgattgatg ggaatgccaa agttggctgc ttggatgatg cccgtaatgt 120
 tttcgacaac atgaccaga ggaatgcatt ttcctggaca agtttgattt ctgggtattt 180
 tagttgtggg aaaattgagg aggctttgca tttgtttgat caaatgcctg agagaaacgt 240
 ggtgtctgga ctatgg 256

<210> 26469
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904639H1
 <400> 26469

aaccgaacaa tccgatattt gcttcctatt ggaatcaagt attaaccctt ttctctctga 60
 atactctcta ctcaatacat tgcttgctag tctcgtttca aatattaatt ttaggttctt 120
 cgttacgcgt tgtgttgctg tgtgcgtgag aaagtgcgcg tggtgaaaaa gcatggcttc 180
 tcagctcctg agacgaaccg tcggaagtcg tttccttgca aaccctaggg ccttctccgc 240
 cgctgcttcc actccga 257

<210> 26470
 <211> 211
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904640H1

<400> 26470

cgaattctga tcgcttttac gcgagaaagg gggaccaccc tctaagccta agtattcctc 60
aatgaccgat agcagtcagt accgtaggga aaggtaaaag aacctattta gggatgcaat 120
agagaactga gatccgtgcg acatcgtcga agagttacac cttattgaat ttataaacga 180
tcactctaac ggcgtacctt tcatgatggg t 211

<210> 26471

<211> 82

<212> DNA

<213> Glycine max

<223> Clone ID: 700904641H1

<400> 26471

attctgcatc tcacggcaat tgtataggtc ctccaagcaa gagagacagc gagaggaaaa 60
cgaaaccagt ggagagaaac aa 82

<210> 26472

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700904642H1

<400> 26472

agagagtgat ttcagtgagt gatcgggtgtt cacttgatct catcataatc gtcagcgtca 60
attgaagaag atgccgatca gaaacatcgc cgtcggaagg cctgaagagg cgactcacc 120
cgacacgttg aaggcggctt tggctgagtt catctcaacc ttcattcttcg tggtcgccgg 180
ctcaggctcc ggcacgcct acaacaagct caccgacaac ggcgctgcca ccctgcccgg 240
ctcatctccg 250

<210> 26473

<211> 174

<212> DNA

<213> Glycine max

<223> Clone ID: 700904645H1

<400> 26473

tcggctctag cagagtctag cgatgagtgc gtttctaaaa gccttcgtgg ccattctctg 60
 ggggtgttctg tgtctgggtc gccatgaggg agcggtagaa gataagagca gatagattgg 120
 tagacgtggc gaaatcagag attccgtata ggttcgagca gcatgcggtg ggg 174

<210> 26474

<211> 162

<212> DNA

<213> Glycine max

<223> Clone ID: 700904646H1

<400> 26474

gtaaggagag cacagcaatg accaatatat attgcagagt ggttctagta atgcagtgt 60
 gctagaagat gggaactagt gaatggcagg atcgatcgaa gatctagcgt cggctctgaa 120
 tgccccttag caagagaggc aggagatgtg cctgaaactg gg 162

<210> 26475

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700904647H1

<400> 26475

gaaagctaaa gactcgtcca acagggttta aaccttacia aagatgttcg gtagaggcca 60
 atgaaaacag gatcggaaca gcctgcaacc aagggtgaaga aaaaggctcct aagagaatac 120
 gcttgaatgg ggaggcttca acttgatgct tgatatatcc atgcaaccac acaagaaaa 180
 tctctagttt tgcatatatt atttcttagt ttccttggtc attgtctgta ttgcttattt 240
 tctattctgc agc 253

<210> 26476

<211> 249

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904648H1

<400> 26476

ctcttgacat ggctacgcat acgccccaaa atatcctcat tacttgcgat gtgggantca 60
 tcgcatctca tgggtgcat cggttatcc ggaattaccc ccagtacaga attgttggtc 120
 ttgacaagct tgattactgg tcaaactga agaactcat tccttcaaaa tcagcgcta 180
 acttcaaggt tgtgaaggg gatattggga gtgctgatct tgtcaactac cttctcatca 240
 ctgggcat 249

<210> 26477
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904652H1

<400> 26477
 gcacaattct ctcttatcat ctgtgttatt acctcttcc aaaatccaaa ttgtctagtt 60
 ccaccaaacc aaagcagccc agtatggcag cagcctcagc ctcattcatg atatcaacac 120
 cagccttacc tccaaccatc caaaagcacc atcatttgaa gccatccaac gtgtgcttcc 180
 aaggtcttag acccctcgca aggttcacca aagcctcatc agccaaagtg agcaccacca 240
 ccaaaaggg attccaaagg g 261

<210> 26478
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904653H1

<400> 26478
 gttgtgaaag gttaagatcg agaaattagg gtgaagtga ggagaagctc tagacaagct 60
 gacttgaaag ttgaaacaga agatgggaga agcaacagaa agatatgcag ttatgacggg 120
 tgcaaataaa ggaattgat tagagatagt tagacagtta gcttcagctg gaatcaaagt 180
 gttgctcaca gcaagaaatg agaagaaggg tctccaagca ctggaaacac tcaaagactc 240
 aggtctaccc accttgt 257

<210> 26479
 <211> 252

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904654H1

<400> 26479

gttgctgtgct tggagaggag tacagatgaa gggaaagtgg ggatttcact tcagaaggat 60
 ctcatggcga ttgcaggatga ggctctcaag tctaagatga ctactatgag tgctcttgtt 120
 cttccggctt ccgagcattt ggctgttccg tctcagtctc attgggagga aaatcttcaa 180
 ccccaaattg aagccttaga tgcgtgactt catacaagcc tgggagcact tctgcatcca 240
 cgctgggtgga cg 252

<210> 26480
 <211> 104
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904655H1

<400> 26480

cgacgtgcgt ggactctttg aagggtggaat tcctctccct acagatgcac tcagtaaaat 60
 tagcccccta tcagtgtctca aggaaatctt ccgcactgat gatg 104

<210> 26481
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700904656H1

<400> 26481

tatcagcagc agcaccagtg ctaaggggtgt catcggtacc ggtattatca tcagtgaaag 60
 tgtcatcgac accgtgactg ctttagcgtc ccacatatcc atccagctta gcaatcatag 120
 caaggctgat gtacatgaga aagggtatact tggacaggct acatgatattt caaggaacat 180
 acctcgggcn accttngcan ctnnnaaga tncatacgat ctttaattttg aatgggacag 240
 tacttc 246

<210> 26482

<211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904657H1

<400> 26482

gatactttgt gacatccctc ccagacttgc tagtcctgaa tgcattgtgca atgatgactc 60
 tcatcatcac acttcctaata tttgtgcatt tgataccaaa gcttttggtc caaagattac 120
 acggaagcaa tgctagtgtt ggcaatatga ttttgatccc ttgcgaattg catgaggtgt 180
 cattttccac ggaacaaca gctcttaaga gcatcatctt ttaagatgca caatgtcaac 240
 acgcctatcc ct 252

<210> 26483 -
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904658H1

<400> 26483

ccgacgcctt cgacgtcgcc gccgaattca atgcctcccc ctacgtcttc taccctcca 60
 cagccaccgt cctctccatc gccctccacc tccccaccct cgacaagcag gtccagtgcg 120
 agttccgaga cctcccggaa ccggtcacca tccccgggtg cattcctctt cccgtcaagg 180
 actttctaga cccggttctg gagcgcacca acgaggccta caagtgggtg ctacaccact 240
 caagcgcta 249

<210> 26484
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904659H1

<400> 26484

caacttctct gtaaagtgtt gcaacaatgg ctacattagt gctaattgacc ctttgaactg 60
 ggggtgcggcg gcggaggcta tggctgggag ccacctcgac gaggtcaagc gcatgctaga 120
 ggagtaccgg agggccgctg tcaagctcgg tggagagacc ctgaccatct cgcaggctcg 180

ggcgatcgcg gccacgacc agggggtgaa ggtggagctg gcggagtcct ccagggccgg 240
 tttaaggcca gc 252

<210> 26485
 <211> 158
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904660H1
 <400> 26485

atttgacct tgagaacaat ctcttgtttg gtaatttggg tgattttcaa cagcctttgg 60
 ttttgctcag tcttgcttcc aatcagtttg ctggttcttt gccttgcttt gcagcttcag 120
 ttcagtctct aactgtggtg aatttgtcca tcaattct 158

<210> 26486
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904661H1
 <400> 26486

cagaggtgaa acaaaccaac taccaccta tggcggcctc tggtgtagtg tctacctctc 60
 tgtctgtgtg tttcaactat ggctatcacc gtcgtccacc catttccgct ctctcttgct 120
 attcgaattc catcacaaa acaaacctaa aactcagttc gcaatgtttc tccaactcga 180
 attcggtagc cccgatttat tgccgcaagt ttgttgctcg cacttcaatt ggagaaaacg 240
 aagcgagagg ag 252

<210> 26487
 <211> 208
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904662H1
 <400> 26487

atgaaggtga agaagggttg gctcgcggtt caagtgggaag aagaaggtgg cggtggaggg 60
 tctcaaagat ttgtgatccc aatttcgtac tttataccct ctcttcaagc acttttggat 120

aggctatgag ttatggtaca caccgaggtc tctaactgca gtcagtcgtg cttctcactc 180
 gtgagatcgg agatcctcca tacaccac 208

<210> 26488
 <211> 233
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904663H1
 <400> 26488

ttcggctcga tagtaatctc tgggacttct ggtctgtttg gtagagacga gaggcataga 60
 gtagatggaa ataactagga tgagtgaata taggtgtaaa taaagttgat attaaatgtg 120
 ttttgtggaa gagaaataaa gtagagacga agaaagagat attgaataag tggaaattag 180
 tgtgaaatag tatactaggt cccgtcatgt ttaaaattag ttgcaccttt gtc 233

<210> 26489
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904664H1
 <400> 26489

cgcattcgtc aatttcacca atgtatgttg tatggtgacg atggctctctg caggctcttc 60
 agctttttgc taatgatatt gtgtgtttgg agtgaaaggg gacaaggcta gttgagcttg 120
 attgtgttgt tcaacagtga ggacaggcca gagacagtgt ggaaggagga ggagtagaag 180
 ttgatgtctc tggcttcaga gaatgcttgt ctcggtcctg gtgggacccg gaggttcgtc 240
 gcttgct 247

<210> 26490
 <211> 151
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904665H1
 <400> 26490

gtgtggtgtg tccctctttt aagcgaggtc cttctcttaa gacaattgtt tgtgacaatt 60

ggcatagtca gcagccaatt aacagagata tatatatcat catatcatca ccagatgaaa 120
aatattgggt tgtgttgtct tgtggtggtg g 151

<210> 26491
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904666H1

<400> 26491

tgcacaagct cttgtatcat catcatctct taccttctca gccgaggcta caagacaaag 60
tcttgacca agatcactcc aatctccatt tggcttctca agaaaagcct cctttcttgt 120
taaggcagct gctaattccc cttgttaaag caagatcaga cagaccttg tgggttggat 180
tcaaggcaaa gtctttccta cttggatggc agccttccgg ggaataatga atttaaccct 240
cggaactcc ggaccctga 259

<210> 26492
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700904668H1

<400> 26492

accgaacact cttcttcaat caagcgaagg tggctctgat tgcaagtgat ccacgatata 60
ctctacgctt cacaaaacct tcaaacgcaa ttccacagaa tacatctgat gacaccatgc 120
caccaaagcc tttaactat gggtaataa atgatacaac gtgaagaaga gtgcaatatt 180
gctgtgcaga ggtggaattg ataccttgcg agctgtcatg aagcttcaga agagaggtgc 240
aaaaagattg atgctttact aatgttgggc aacct 275

<210> 26493
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904637H1

<400> 26493

gtcgtacta agagttgctg cttcttcagc cactccgcac ctgcgagcct ctgtgccctc 60
 aacaaccatg gctgaaatcg aaactaccgt tccagatccc acccaaatcg acgtgagact 120
 cttcaatcgc tggagcttcg aggattttga tgtaagcat atgtctcggg ctgattacat 180
 tggagtgtcc ccagcaaagc atgctacata tgttctcac actgctggta ggtactcatt 240
 gaagaggcca ggaaagccc 259

<210> 26494
 <211> 254
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904669H1

<400> 26494
 catttttgc ttaaggagtt cagtcctatt ttgctcctct tccttgtctt ccacacaaca 60
 tacgaggcga cancngtcgn agntcgggtc tgagagttcg caggcatgtt accaagcctt 120
 taattaagcc gccaaattaga agaggcaatt ttctcaagac agagagagaa gaacatcttg 180
 gtatcagtgt tgcattccact ctctgatggg gggaggtgag ggcggtagat tggatgaatc 240
 aggatcgtgg gctg 254

<210> 26495
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904670H1

<400> 26495
 aacccgacac gtgttcacc acactttcct cgtcagtctt gctatgtctc tgcacaaaaa 60
 ctcaagtgtt tgatgtacc ccagaacaca agcaccatgg acatgattcc tgggaagatc 120
 cgaaaacgag gctgttcctc ctccgcctcc tcctcttcct ccgtgtcca caactaccgc 180
 ttcaagagga ctattctcgt cggaagcgg ggcggatcta gtacgcccgt gccacgtgg 240
 aactcatgag ctga 255

<210> 26496
 <211> 262

aacaatatcc ttacagagtc cgag

264

<210> 26499
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700904607H1

<400> 26499

agaaactgca ttcgcagaca cgctctgaga gagagtattg gaaggtttcg acgagtgatg 60
atatacacat attgtgacgg tagtgacatt caggacgaag cggtagcaat ttgcgatttg 120
caatgagtaa cgaaaaggct ccttcacag cgtctgcgag tagctacgag ttgagcaaag 180
gcatactgg cctcgacaaa gttattcttc gggacgcacg tggtagctcc gctggggtgt 240
acttgtagcg gctcacgtga ct 262

<210> 26500
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700904609H1

<400> 26500

ctctacgctt tctcgttcga gatccctcaa gggatccact aactgaagga gaaatggggt 60
tgacattcac caagcacttt cagccggctt ttcgccaaga aggaaatgcg aattctgatg 120
gtgggtctcg atgcagctgg taagaccacc atcctgtaca agctcaaact tggagagatc 180
gttaccacaa ttcccacat tgggttcaat gtggagactg tggaatacaa gaacattagt 240
ttcactgtct ggatgttggt g 261

<210> 26501
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700904610H1

<400> 26501

gccttgaact tgaactatcg tgtcttcttg gctttctctg ttcaggatca acatggatat 60

tgtatcacga gctttgctat ttccgttggc tatacttgtg ctcatattaa gcacaccttg 120
 ctcagggtgct tttgggaaga gtggaactaa tgtgaaaaca gctatTTTTTc tgtcccccaa 180
 gtttgaactt ggaccaggat cggtagccaa taaatatgat tatgacgctg attttccaag 240
 aggtcattag cactt 255

<210> 26502
 <211> 192
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904611H1
 <400> 26502

cggtctgagc gtgaagtga tgacaatgag aaaaatccca tagaaatggg ggtaattaga 60
 ggcaatagct tggctactgt tgaagtgctt caaattcaag tatttaagt taaattaaca 120
 attgttaagt gacctgacaa atgtaaataat ggagtaattt atattataat tgacatgctg 180
 tcatatatatt at 192

<210> 26503
 <211> 87
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904612H1
 <400> 26503

ctcgagccga tccacagttt ctggtattta gtatttacag aaagtggaag caaaacttga 60
 catgataagc aagaaccagt tttcgg 87

<210> 26504
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904613H1
 <400> 26504

gttttgaac ggactcgggc tggcaccagg gctgctgttt tggctgatga aggacctatc 60
 atggaggatg gagttgagga ggatgaggac aacgaggatg aagagtatga tgatgactac 120

gagagtgagt acagtgaaga tgaagaggat gatcagaaca caaaaaataa gcaacaagct 180
 gccaatggca ctgtgaataa acatggtaaa gctgcagaaa gttcaggctc tgaggaggaa 240
 tgagaagttt ttctaacatg 260

<210> 26505
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904614H1
 <400> 26505

gtgcgattct caaggaacga agacaaagcg ctggatcgag aatcttgatt cggtttgatt 60
 ttacggtttt tgactttctga ttcacgcgct ttctgacaag ctgatacgct cttggatttt 120
 tgcgggattc gatcgtatcg tatttcattg caatcatgac tcaggcggtg gaggtcctga 180
 accggtatgg gacggatctg gttggggagc cgagagattc tgattctgag tgtttggcgg 240
 gttttgatgt cttctg 256

<210> 26506
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904616H1
 <400> 26506

aacatcatca tgtcggacga agagcaccat ttcgagtcca aggcagacgc cgggtgcctcc 60
 aaaacctacc ctcagcaagc cgttaccatt cgcaagaacg gctacatcgt catcaaagga 120
 cgccccctgca aggttgtgga agtttcgact tccaaaactg gaaagcacgg tcacgccaaag 180
 tgccactttg ttggaattga tattttcact gccaaagaaac ttgaggatat tgtgccctct 240
 tctcacaact ggatgttcct c 261

<210> 26507
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<223> Clone ID: 700904617H1

<400> 26507

tatttttcctt ttttagctttg attagagtgg cctagttgtt gtttttctca atgagaaggg 60
 tttccactat gccatgcgtc tgggtgncgn tcgggggtccc ctggtgcact tgctagcttc 120
 agttaatgct ccttttgggt tggccactga aatgtcaggg gatgaagtga gcactgatgg 180
 aaagggttta aatgaagatt tagcaaaacc taatctacaa ggacatgagg aagaagcaaa 240
 gtttaaaggt tttttccaaa gc 262

<210> 26508

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700904618H1

<400> 26508

ctggaacaaa atttaaata gggaccaaaa ttatgtttta gcctaaataa tatctctaaa 60
 tatttgggtct ttaactgata cgtttgatcc atgtagccaa cctcacctaa tgggacaagg 120
 ctttgttgtt gtaaataatta gttgtgtttt catcataagt gaattgtgtg tgtctgtcaa 180
 ttctgggtggg gtatatgggt gctgatattc aggtgagatt tttgcagggt tgtattttta 240
 ctgggtcagt tcctttgcag aggttt 266

<210> 26509

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700904619H1

<400> 26509

caacaaacaa tattattcaa tagaaaagaa agaaagatga gtccaacatg ggtttttgtg 60
 ttaggtatta ttgcagcaat gttgggtggt gtgaatggac aatcatcagt gaagccattg 120
 gtgaagacag tgaaggggaa gaaggtgtgt gacaaagggg gggagtgcaa gggttgtgtc 180
 gcttattgct gcaatgagac tatctccgat tactttcaga cataccagtt tgagaacctc 240
 ttgcggaagc aattcgccgg tggcac 266

<210> 26510
<211> 91
<212> DNA
<213> Glycine max

<223> Clone ID: 700904620H1

<400> 26510

cggaagaaga ggttttcggtt tggttaagca agatggattt ggaagcagag aaagagcatg 60
aagctcgcat ttgcagtggc ctcactctcc c 91

<210> 26511
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700904621H1

<400> 26511

cgaaaaccct gaacccaaag ggttcgtttg tagcttcttc ctccctagac ataccgcgtt 60
cgccacctgg aaccacaac tgagtcgtga ctcggttctt tcacactgaa ccatgcacgt 120
tttctctaac gctcgccgag cctcttggtt tctcctcttt cctcatctcc gaacctcgga 180
agctcctcac tccaccgcgc tctctctctt ctcagggctc gcgcaacgtg attcccggca 240
agtgaacacc gtcggttaca ctgt 264

<210> 26512
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700904622H1

<400> 26512

cttggtctct ctcaaagatt attcttcttt ctttttgccc tgctctgtgg ggtagtctt 60
tgctctcaaa tgctcttggc ccttccttac ttcttggcct ttgcttctgt gtttgcgtt 120
gcactttctg ggtgtaagga ttttcagctg ctcccgttgt tccttttgtc gagcctgtca 180
tgctaccct tgcattat agtggtgatg atgagctcta tcatgggggt tccttctgtc 240
aaaatccatt gatttggg 258

<210> 26513
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904623H1

<400> 26513

ggattcggac actgaagaaa caaaacccaa gcatcccaag aaggagaaga aaaagaagaa 60
 caagaagaga gaggttgagg ttgtaccacc tcaatctgaa cagattgagg ttgaggtcga 120
 ggttgccgt gagcaccaca ataaaacacc tctgttggtt ggttatttcc cttccggatt 180
 tgatccggtc aagaatcatg gcggcggtcc ctccaatttt caagtttacc ggcacaggag 240
 catgcacaga ggctggagct t 261

<210> 26514
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904624H1

<400> 26514

gccgtatgcg ctagacttgg gttgctccaa tggaggatac ccaagaaatt gaggagcaag 60
 cacacaaaga agtgatttca gacaaaacat ctgagaagca gcaggaaact cttgatgaaa 120
 ttctttcacg acacaggaaa gagatattgc aactgcagaa aaaagaagtt gagatgaaaa 180
 aagctgcagc tagaggtagc aaggctgagc agaaagctaa gaagaagcaa gtggaagaag 240
 aggtttgtca ctttctgcta ag 262

<210> 26515
 <211> 64
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904625H1

<400> 26515

attgaaaatg agtatgtacg gtagggatcc gggaggagga acgttgagga tccacgccac 60
 agac 64

<210> 26516
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904626H1

<400> 26516

agagaatggc tccaagggt ttaacctttc tggctgtgtt aatatgcgtt tcagcactgt 60
 cactgagtcc ttctgttgcg ggggaagggc aaaataatgg ccttggtatg aacttctaca 120
 aggaatcatg ccctcaggct gaagacatca tcacagaaca agtcaagctt ctctacaagc 180
 gccacaagaa cactgctttc tcttggctca ggaacatctt ccatgactgt gctgttcaga 240
 gttgtatgct tcactgtt 258

<210> 26517
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904627H1

<400> 26517

ggaagatggt gttgccggca ccaattgccc tatccaacca ggcacaaact acacgtacca 60
 cttccagggtg aaggacaaa acggtagctt cttctactac cctagcctag ggttgacgag 120
 tgctgccgga ggcttcggcg gcctccgcac caacagccgc caactcatcc cagtccccta 180
 tgctgatccc gaggatgact acaccgtcct cgccggcgac tgggtcacaa agag 234

<210> 26518
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904628H1

<400> 26518

ctatTTTTct tctcagtag tgtcatTTac gtttctcttc tctgcagcaa ctatgcctaa 60
 ccctaaggtc ttcttcgaca tgaccatcgg cggTcaatct gctggccgca tcgtgatgga 120
 gctctacgcc gacgtcactc cccgcaccgc cgagaacttc cgcgcgcttt gcaccggcga 180

gaagggcgta gggcggagcg gcaagcccct ccactacaag ggctcgtcct tccaccgcgt 240
 gatccccgagt ttcattgtg 258

<210> 26519
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904631H1

<400> 26519

aaagcattga attcaaaaac ttaagttcat tccttgtggt ttgctttctt cctcaaaacc 60
 aaacatgtcg aacacatgcg gcaactgcga ctgcgctgac aagactagct gcaccaaggg 120
 aaacagctat ggtgttattg tagagactga gaagagttac atcgagactg ttgtcatgga 180
 tgttccagca gctgagcatg atgggaagtg caagtgtggc actaactgca cttgcacgga 240
 ctgcaccgtg gccattaagg 260

<210> 26520
 <211> 103
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904633H1

<400> 26520

cacagatgaa atagggatgt aagaacaaga gtggcaaggt tgtggaaaat aaggaaactc 60
 caactgcctc ctgtgcgat tctaagctga ttgggattta tga 103

<210> 26521
 <211> 151
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904634H1

<400> 26521

ggcgcaaaca aacgagacct cataaacaaa aactcacaaa cccatcatct ctgcattcg 60
 aaatttcattc tcgcaacaaa acccaccgtt ttctgcgaga atcataccca cactcaccac 120
 tctccaattct cccattctcc cctgctttct c 151

<210> 26522
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904636H1

<400> 26522

caatttttct ctcaaccggc ccaatttagc ataagcccag catggccacc gcaacagcag 60
 ccgtgacctc gtccttcacg gggacgcgcc tcttgagggc ccactccggg gcggggcggg 120
 tgcaggccccg gttcgggttt ggcaagaaga aagccgccgc cccgaagaaa gtttccaggg 180
 ggtcggggctc tagctccgat aggccctgt ggtatccggg cgccaaggcg ccgaggtacc 240
 tggatgggag cttgtcggag 260

<210> 26523
 <211> 191
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904601H1

<400> 26523

aagagagaga gagagagaag aagaagaagg aagcagagga agaagaagga ggagatcttg 60
 agagatcagg tcgcaactga tcatggggag agaagttaca ggaatgcaag ttgtggacaa 120
 gaagccaaat ggcgtaatac cagcttcaaa tggtagttct aatgataaag tggacatttc 180
 tcctaaaagg a 191

<210> 26524
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904562H1

<400> 26524

gacaattcaa cttaagagat caatatggcc accaccacta cccagcctcc ctctaataac 60
 tgttttttcc ttctgttggt gcttctagca cactttcatt tgggcataag ccaacttgag 120
 ctgaattact actctaaaag ctgccccaaa gctgaagaga tcataagga acaagtcaca 180

acattacctt gtgtcaccaa ctactttgac tcctttacca taccattaca ataattatca 120
 aacctaacca gtaaaaatgg tgaccgtgga ggaaatccgc aacgctcagc gttcccatgg 180
 acccgccacc atcttggcct tcggcaccgc cacgccgtcc aactgctgtc cccaagccga 240
 ttaccctgac tactacttcc 260

<210> 26528
 <211> 82
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904569H1
 <400> 26528

attgatatat gtgtgtatctt cctttgggct tgaaactcaa aactataata atgggttctt 60
 cttctcctcc ggacactaga ag 82

<210> 26529
 <211> 110
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904571H1
 <400> 26529

ggaaaacttt ggacaaaaaa tggagtgtcta cacaaggcca aacatgagtg actcgaacct 60
 ctcagcagag gtagaagcca ccatagaagc aaagaccaga gagtactttg 110

<210> 26530
 <211> 82
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904573H1
 <400> 26530

gagaacttca actgagggtg agagtgtacac aaatctaggg agcactactc taaaagttct 60
 attagattct acacaacatg cg 82

<210> 26531
 <211> 255
 <212> DNA

<213> Glycine max

<223> Clone ID: 700904574H1

<400> 26531

agatgatcaa gtatctgatt cttcttctga tgaaagaaca cgatcgagca cgcctcagga 60
 caataacact gaagctggaa caggagatgg agcgagaaat aacaatggta ataaaagcga 120
 gttgggtagg gaagagagtc cagactcaga atcacaaggt tgggggtccca ataagcttca 180
 gaaagtgaac ccttccaatc ctatggatca atccactgca gaagccacaa tgagaaaagc 240
 tcgtgtctca gttcg 255

<210> 26532

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700904575H1

<400> 26532

ttccattatg tataaattca taacatagtg gttgagcaaa cttctaaatc ctttgtgtga 60
 tatatgataa aatatggaaa ttccattatc tgattctgtt catctctgtt ctattgatta 120
 tgaattagca ttttttatga aaatgattat gcttggtgag gaattatcct ttttagatta 180
 tgcgatctct tatggatagg ggtgccaatc aaatccagca gcttggttgg cccaaaaaga 240
 gctcagaatt gagcc 255

<210> 26533

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700904576H1

<400> 26533

ggcgaccatc accaccacca ccaccaccat caagatcacg atcatcatca tcatgatcat 60
 gatcaccatc atcatcacga tggagaggga gagaccaact catgggtagg taaggatggg 120
 aaggtgtacc atagccacga tggctctggcg ccgcattctc acgaacccat ttactcccc 180
 ggctacttca ccagaagagc tccaccgctt ctcaacagaa acttcaacga aagagccttc 240

aacgtcggaa tcggtg

256

<210> 26534
 <211> 250
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904577H1

<400> 26534

tcctcattaa gccgccactt tctctctctt tccttttcgt cttctttttc ttcttcggtg 60
 ggtttggtgc cacttagtaa gaaagagggt gtgaagagag tggggagaag atttggtggt 120
 gtggccatgg cggagtctaa gactactgtg cttgttacgg gagcgggtgg tcgcacagga 180
 caaatagttt acaaaaaatt aagagagagg ccanaccaat atgtggctag aggtctggtt 240
 agaacagatg 250

<210> 26535
 <211> 79
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904578H1

<400> 26535

caaaaaatgc actatcttgc tttcaatcca agttcacttt ggtggcagtt gaacgagttt 60
 gcaacccac acaacatac 79

<210> 26536
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904579H1

<400> 26536

cactttcgtt ctttggtctt tgcgttgagt tcttcatcaa cctccttgct ctcaacgggtg 60
 gcttcatcat gatcggtatt aacttcctca caggtcacct ggtgcgtccc cgatcgtaat 120
 gcaccaaatt atttggtcttg catcggaat ttggacgcga gagtaaagtt ggatgccatc 180
 acgcgtgatg actgcaggta ctatgtttca ttagctatga tggcttcaaa ggcacccat 240

gagaatgcag cttacc

256

<210> 26537
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904581H1

<400> 26537

acttgatcgg tgggtgtatTT ggtgtgttga tgttttatta aacttttTga ctcttgcttt 60
gaaactagtt ggtaggcaa gtttttagttt tctattttat ttcagacttt tcaggtgctc 120
atattcttat gatgatcatc aaactgcaaa tatagtgagc ccattaagct attactgaaa 180
tttgttgcag atttgaaatt cttctaagat ggatacttct tataggactg gtggagtcaa 240
gtacgagtgc ttgcttttt 259

<210> 26538
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700904582H1

<400> 26538

tcgagcttca gcaatgggtg acgtcaaggc tcagaaatca aaagcctact tcaagagata 60
tcaagtcaag ttcaagagaa gaagagaggg aaaaaccgat taccgtgcca ggattcggtt 120
gattaatcag gacaagaaca aatataacac tccgaaatac cgatttTgtgg ttcgcttttag 180
caacaaggac attgttgcac aaataatatc tgctagcatt gccggcgatt tagttcttgc 240
tacagcatat tcacat 256

<210> 26539
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700904583H1

<400> 26539

gtgtaggagg tgattggaag ttgttcgaat ccagaatccg aaaaaagggc accaccgtgt 60

caacaagtag aagcagaagc tgtttttggt cttcgccgct gacactaatc gtttcttcaa 120
 tgccttacga gaaggagttc gccgctgcaa aaaaagcagc catctctcgc tgctcgtctc 180
 tgcaagaaag tacagaaggc tcttctgcaa tccgatgtgc actcaaagtc agacaaaagt 240
 cctgtcacag tggctgat 258

<210> 26540
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904584H1

<400> 26540

gagtcccttc tttgcatgtt atccactgcc tcagtcccgg accttggcta ccggaacggg 60
 gaggacaact aattccggaa gtggcacttt cttcttcaca atgtgagtgt ctcatgttac 120
 tgggtcccctt ttcttgtgca aggtgtagct aagtcatact cagggccaaa tcataataag 180
 ttgtatttgg atcatgttga tgagaggtgg gcctaggata tggatcaa at ggccctgatt 240
 gtgttatcac ttggg 255

<210> 26541
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904585H1

<400> 26541

tagaaacata aaaaactaaa ttactttttt aaaatataaa tgaccaaact taagttcagc 60
 tgaaatttta tgttgatact gttggagtat tagt-gatgc ctgtagaaaa caaaatctag 120
 ctctgttgag atcctatgag agaggcataa tataatatagc cacataggat ttccaataat 180
 tttccaaagg aatgtgcgtg aaacaataaa gttt-gactt ctgcaaatag gatatgatta 240
 ttgttgagcgt gtggg 255

<210> 26542
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904586H1

<400> 26542

agaccttaaa gtaccaaact tccaactctt ctctcttctc tcttcactct tcaactcttg 60
 cgtcattttcc tcacaaaacc agtgtagta acatctccac cttaacgatg tcggtaaagg 120
 agtgtcacca ccacaaggga aagaagcaca aactctggag acgcatcttc tggggcatag 180
 tgatcttcgc cttcatcgtg ttgctaacag ttcttataat ctgggcaatc ctaaagcctt 240
 caaagccaa 249

<210> 26543

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700904587H1

<400> 26543

tcacactgaa cactcttgta gttaatcgaa tttctcattc cgcagaaacc ttcaactctg 60
 gccgctgaaa cgattcccta ccagaacggc gtcgttgcca gctccaacga ttccaccgcc 120
 acgggcaagc aatcgcggga gaacgaccgc cgccgccgcc gccggaagca gaagaagaac 180
 aacaaggcat ctgaggcccc gggtcctaac tcttacgaag agagtgacga tgcgaaagag 240
 aacaacgatt caaaa 255

<210> 26544

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700904588H1

<400> 26544

caacaaacaa tattattcaa tagaaaagaa agaaagatga gtccaacatg gggttttgtg 60
 ttaggtatta ttgcagcaat gttggtggtt gtgaatggac aatcatcagt gaagccattg 120
 gtgaagacag tgaaggggaa gaaggtgtgt gacaaagggt gggagtgcaa gggttggtct 180
 gcttattgct gcaatgagac tatctccgat tactttcaga cataccagtt tgagaacctc 240
 ttcgcg 246

<210> 26545
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904589H1

<400> 26545

gggagaataa gaaaaactgt taaaaatatt ttccataaaa gataaaaaat aacttgaagt 60
 ggttattttg tgcataaata tgatagttaa acaatcactt gactcattgt tgtttatttt 120
 ggtaaatact ttttttaagt tttacttttt tgttccattt tggtggggtg cattggagcc 180
 ttgcagggaa gtaggaggat acatggttat ggacttggtt tttatagcac acactctcag 240
 aaaag 245

<210> 26546
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904590H1

<400> 26546

aattgtttca ggactaccat caattggctc ccttgaatac tgagagaatt ttaacatgta 60
 tttttctctc aggtcctacg gttaagaaga ctattacata tccacatggt tagtacttct 120
 gtttgaacac tacttttcga ccttgcatat ctgaatcaat atatactgta ttgtctgttt 180
 cactttcaaa aacatcggtt ttatttcgta gaggattggt gagattttca ggacaaaaaa 240
 tctatattat at 252

<210> 26547
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904592H1

<400> 26547

ctcgagccga atcgggtcga gcaaaaatgg cggcgaaact tcaaatcttt acgggattgc 60
 accccgcgcc atttcaatct acttcttctt ccactctctg cgtactcaag aagcctctca 120

ctaccgcttt cttcggcacc gcgcgagtgg aagttctgaa acttagagtg atgaggattg 180
tgaagcctac gcgtggcgga ggtgctctcg gtgctcgcat gaacctcttt gacaggttcg 240
ccagagttgt g 251

<210> 26548
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700904594H1

<400> 26548

aagtaaacta aactgaagaa aatgttggtta ggtcacttgc aaaattgaag agatttaaga 60
cctctgtctt ttctgttgaa ttagattcca taatcttcca ttagtttcca ttctgccact 120
ttgctacaaa gttcttctcc tctttggaac acgcaatttt aggcctatgc atttcagcaa 180
gttctgcaaa caaaattgag agttgttggg ttataactac gttatatgtt tcattgtctc 240
agttgaaatg gt 252

<210> 26549
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700904595H1

<400> 26549

caggaattga cggaggcatt cgaaatcggg gaagatgggt gctatgaggt ttcacagta 60
ccaggtgggtg ggaagggctc ttcctaccga atccgatgag catcctaaga tctaccgcat 120
gaaactctgg gcaactaacg aggtccgtgc caaatccaag ttctgggatg ctttcttctt 180
cttcttcttc ttttttcaaa tgttttttat tcgtattcgt actgattcaa taatattttt 240
tttatgattt gt 252

<210> 26550
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700904596H1

<400> 26550

tcccaatgct agagatttga taccagggat gcttgtgggt gaccctatga ggagaatgac 60
 catacctgag atccgtcaac acccatgggt ccaagctcga cttccgcgtt atttagctgt 120
 gccaccacca gatacaatgc aacaggccaa aaagattgac gaggagatcc ttcaggaagt 180
 cgtgaaaatg ggatttgaca ggaatcaatt ggttgaatct cttgggaaca ggatacaaaa 240
 tgagggtact gt 252

<210> 26551

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700904559H1

<400> 26551

aagagactca cctcctcaac gaagctcaat ctataggggt gtcacaaggc atcgatggac 60
 tggtcgatac gaggctcatt tgtgggataa gaattgctgg aatgaatcac agagcaagaa 120
 aggaagacaa ggttttcatt attttgctct ctataatctt tagtttaatt ttctgatttc 180
 cttcgcttta tatgatttat tgtcatatta attatcttgg gttgggtgac aatggcaatg 240
 gaaaacaact ggatgc 256

<210> 26552

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700904519H1

<400> 26552

gaacgaagca gaagaagcat ctcagaacag aaccaccgaa cccactcaga agcaaaccg 60
 aaaaccctc atataatagt actggtattc agctgttcat gacaaaagcc tgaaccgatc 120
 atgtcagaag gtgcagaaat tgatgagcgt gtggaccttg acgaggaaaa ttatatggaa 180
 gagatggatg atgatgttga agaacaaata gatgatgatg gagtggatgg aggtgaagat 240
 gaaaatgctg aaggtagtgt tgaaga 266

<210> 26553
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904520H1

<400> 26553

gaataaatct tatcagaaaa atattcattt gtctgcagtt acggtctcca tgacctcaaa 60
 attagatctc ttactagtgt attttgactt ttggttctat tattaccgac agtcctgtgt 120
 ctccgacaac acaactaagt ctttacgact caatttcatt agcattagcg tctcgcaata 180
 cgcaggctcg aaaccggact cgctgcctag tactagcgca ctttcatttt gccgcttctc 240
 tgttttcaac aaacgacaac a 261

<210> 26554
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904521H1

<400> 26554

ttctcttctt caattcattc tagttctgga ttccgactcg ccgcattgac tcggtccggg 60
 ttggggtcga ctcaattcgg tttttcattc tctcgcaat ctaatctata ggaaaagcta 120
 agggcacatc acaatgaagg cattgattct gggtgggggg tttggaacaa ggctgaggcc 180
 actgacactc agttttccta agcctcttgt tgattttgct aacaaacctg tgattctgca 240
 tcagatagag gcccttaagg c 261

<210> 26555
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904524H1

<400> 26555

ttctttttct ctctctttcc tctgttcttt ttttttgccc tatctattag ggtccccgcg 60
 gattcaaacc ttaattcttc tattactctc tttctctcat gcgttcttgc tctcaacaac 120
 aatcacactc cgtcatcgaa gtcttcgttc ttgtctgctt cgttctcctt tttgctctcg 180

ttcgagggtt ctttcgtggg gaacactgca gatctcacca tccgggtctt attcatccgt 240
gcccattgtcc aaagtcttc 259

<210> 26556
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700904526H1

<400> 26556

ctgcaagtaa atggcaagag cagcttgcaa tcaccttcac ttgggtccca gtttagttca 60
tcctctaaag tcaacctctc tcacaaatca cactctttcc accacacgca ctgcgtacta 120
tggcattcac cgaagtctc ttcttcttca tccaaaataa gcatgagcct caaggctggt 180
attgttggcc ttccaacgt tggcaagtcc actctcttca atgccgttgt ggaaaatgga 240
aaggctcaag ctgctaattt tc 262

<210> 26557
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904527H1

<400> 26557

cagccatatt ctatctctac gccgctaact ctctctcact ctgcgctct ctctttcaca 60
accttcactt tactctctct gctaaaatgc aaggaggatt tcaatcattt ttgtcacacg 120
ggaatgtcat tagaaatgct gttctacaac ggggtgcgcat ggtgaacccc ctgttacagc 180
caattgtctc ttgcgggtt gaatctgtta cacctgctcg cattgaggag catgggttttg 240
agagcaccac aatttcaga 259

<210> 26558
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700904528H1

<400> 26558

tgctgcatta acctccgcat ttgttactga ttttccaggt gtgaatggtc ttggtgtatc 60
 tgcggcacgg ttagacatag ccaaagggtg atcaatccca atgcacacac accctgctgc 120
 cactgaactt ctaataatgg tggaagggtca aatcactgct ggttttatga ccccaactgc 180
 actttatacc aagacactga aacctggaga tattatgggt tttccacaag gacagttgca 240
 ttttcaggtt aattctggaa 260

<210> 26559
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904529H1

<400> 26559

atttcattga tttctccctc ttcgctctct ctccagtacc agagacagat gatgatggag 60
 atggcgaacg aaacgctgtc gttgcggcac tcgcggtggt ggtgctactc gcggcgagtgc 120
 tggcggtgga tgctcaggag aactcggacg tgaagacgct ggtgaagtac aagcacggga 180
 agaagtactg cgacaaagga tgggaatgta agggctggtc aatttactgt tgtaacctca 240
 ccattaccga ttatctccag 260

<210> 26560
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904530H1

<400> 26560

cggagagaga gagacgccgg cgggttttga cagtgaagtc cgagtttaga atcgtgacac 60
 tcagacgttg agaaccgagg aatgcctctg aagccgtcgt attcgtcgga gaatctgatg 120
 cttccggtat cggatcctcc taacgacgac gaccagaagt ggcttttgaa agccgacaat 180
 aacaagacct tccaaacacg aaggattcta actgccatct cttacatgtc atgtgcagtgc 240
 ctctttcgtc ttttcacttc c 261

<210> 26561
 <211> 264

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904532H1
 <400> 26561

aagacctatt cacacatgtg ctagtagaac caataaccaa accccaacac acacataaca 60
 caaacaacac agatcaagtt tctcattccc tagacagatc ccaacaacaa catagacaac 120
 acagagaatg caccgaaaga cagactcaga ggtaacaagc ctcgccgcgt cttccccccac 180
 gcgctcccct cgacgccgtc ctctctacta tgttcagtct ccctcacgag actctcacga 240
 cggcgagaaa accgcaacga cgtc 264

<210> 26562
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904534H1
 <400> 26562

ctcgagccgc tcgagccgat tcggctcgag gacgaattaa agagtgtttc tcaagattga 60
 gctattgaac gctatgccca cttttgtgtt tgtgaaacag ggaacgcttc tggacaaagt 120
 ggtgggagca aagaaggatg agctgcagca gaaaatacag aaacatgtgg cttcagctag 180
 tgcttaatct agctcacctt cagaaacttt atatatgcgc tttcttttca taatcttgta 240
 ctaga 245

<210> 26563
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904535H1
 <400> 26563

ctgccactca ttgcttgctg agtgagagag ctttttggtc tgagttcttg gtttctttgg 60
 ttagtgcttc tgacaatata ttggaacttg gtttttgggg attggtgctt ttttgggggt 120
 acccagttga acattttttt cttcttcttc ttcttcttct tctctaacc ataaagtcaa 180
 agctctcatc tttgataagt tgtgaacaag gtctatgagt tgttccttgt agtgcagaga 240

agggcatggg ctttttgttg ag

262

<210> 26564

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700904536H1

<400> 26564

gtcgtagtagt tatttcatcg attctctccc ttctctttct ctctgcgaca ccagatgatg 60

gagacgacgg cgaagcgaaa cgctgtcggt gcgccaatcg cggcggttgtt gttgggtggtg 120

ctactcgagg cgagtgtggt ggtagggggc tcaggagaac tcggacgtgg cgacgctggt 180

gaagcacatg cacgggaaga agtactgcga caaaggatgg gaatgtaagg gctgggtcaat 240

ttactgttgt aacctcacta tt 262

<210> 26565

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700904538H1

<400> 26565

caacaatgtg ctttgcattg ctttcattat cactttaacg tgggcagttg aagctcgaat 60

tccgggggatt tactctggtg gtgcatggca aagtgtcac gccaccttct acggaggatc 120

cgacgcttcc ggcaccatgg ggggagcgtg tgggtatggg aacctgtaca gccaggggta 180

cggtgtgaac acggcggcat tgagcacggc actcttcaac agcgggctta gctgcggtgc 240

gtgttttgag ataaagtg 258

<210> 26566

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700904539H1

<400> 26566

atttcgttac ccttttctcg attcgatctt cagatctgtc gccgacagca aacatgggtg 60

atcagggtcca acaccctaca atcatggaca aggttgctgg tcagctccat ctccgttctg 120
gtctttcatc tggattataga agttatgatg gagcctaccg ccaccagct atgtaccaa 180
gaccctcttt tgggaattac tcgaatgctg cattgcagtt tcctgtgatg cccacatgca 240
aagctaccat ggatttgtct 260

<210> 26567
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700904542H1

<400> 26567
aaaaaaaaacc cttagccaac acaaccatca tattaaaatc tgctattcag caatcagcat 60
tcaactgtgca aactgctctg aagcagctca atgagttcgt ccgcaagacc ggtggcgccg 120
gcaaaggctg cactaacatg cgccgcaccg tcaagagtgc tcctcagagc atttggtatg 180
gccctgaccg tcccaagtac ttgggtccat tctcggagca gattccatca tacctgaccg 240
gagaattccc tgggtgactac 260

<210> 26568
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904543H1

<400> 26568
ctgcttcacc cgtaatcatc accatcatca aggacatctc agcaattaaa caatatacaa 60
aacataatca aactgctctg aagcagctca atgagttcgt ccgcaagacc ggtggcgccg 120
gcaaaggctg cactaacatg cgccgcaccg tcaagagtgc tcctcagagc atttggtatg 180
gccctgaccg tcccaaatac ttgggtccat tctcggagca gattccatca tacctgaccg 240
gagaattccc tgggtgacta 259

<210> 26569
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904545H1

<400> 26569

cggctcgaga attataagca tgggtttgtg gaacacaacg aatgcagtgt cttgccgctt 60
 tcacaagttt ggtgatgacc aaaagaatct ggtcttccaa ggtgatgcca cgtcttcttc 120
 caggggcata gaactcacia agttagacgg tggaggaaaa ccagtgggtg gcagtgtggg 180
 gagagtgtta tactcttctc cagtgcacct ttgggaaagc tctacagtgg tcgcaagctt 240
 tgataccgac ttcactttt 259

<210> 26570

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700904548H1

<400> 26570

gcgttgcggtg gttggttttg cggtatcgaa gaagaagagg gggaaacagg ttgtgccggt 60
 gaaatcagtg atctacgcgc tttccccttt ccagcaaaag attatgccgg gtctctggaa 120
 ggacttgccc acgaagattc accacaaggt ctccgagaat tggatcagcg ccactctttt 180
 gctcgggtccc ctgcgcggca cctacgcgta tgttcaaaac tacctggaaa aggagaagct 240
 ggctcacagg tactgagctc 260

<210> 26571

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700904553H1

<400> 26571

gtcgggtggga cgtgtgttat tcgtggttgt gttcccaaaa agatttttgt ctatggagca 60
 tcttttgag gtgatcttga ggatgccagg aattatgggt gggagttgag tgagaaagtt 120
 gacttcaatt ggaagaagct cttgcaaaag aagacagatg aaataaacag attaaatgga 180
 ctttacaagc ggatgttatc caattggggg gttaaattat ttgaaggacg aggcaagata 240
 gatggtccaa atgaagttg 259

<210> 26572
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904555H1

<400> 26572

tttgttttgt tgttaataaa aattttctct tcttctttc tctcttgaag ttggaaagaa 60
 aggcaaggag agaaagagaa aacaaaaaat ggtagtttcc aggttggttg tttttcttgg 120
 tctcattctt gcaacccttg tgtcattggc ttgctcccaa tccgctgctc cggctcctgc 180
 tcccacaagt gatggcacct caattgacca aactgtagcg tatatcctaa tgttggttgc 240
 attggttctg acttacat 258

<210> 26573
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904556H1

<400> 26573

gcttgagaat gttcattatt caattcaatg ttgcatatta ttatatatat aaaaaaatg 60
 gtcccatat acgtgacacg tgtatgcta ttacgttgat ttactttctt gtataaacta 120
 atgtaactaa aactatgatt attgttggtt ggtttgct ttaatttggt gagcactact 180
 ccattgtttg tgatcacaaa agatgattat agcctgcaaa attatattca tgcccgtgta 240
 tatgtgctga aattgtaaa 259

<210> 26574
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904557H1

<400> 26574

caaatctatt ccatgctcct ataagtgaga gatgagactg cagtaggtgt gggaactgtg 60
 ggtcatcgg aggcaataat gttggcaggt ctagctttta aaaggaaatg gcagacaaag 120

agaaaagcag aaggcaaacc atatgataag cccaacatag taactggggc taatgtgcag 180
 gtttgttggg aaaaatttgc aagggtacttt gaggttagagc tcaaggaagt gaaactcaaa 240
 gaaggatact atgtgatg 258

<210> 26575
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904518H1
 <400> 26575

tggatggcta tggtagactc taggctaate tgacctgtac cgtccgtaag atctgccatt 60
 aaaatgaatg aaaggatagg attctcggat ggaccataaa ttgaataatg ataataagga 120
 gtaatgtcta aacagtagat tttttttata catagtatga tgatatgtga ataataagaga 180
 attgaagaga gagaacaaga acgtggcgga acaatagcca tgccaagaa tgtgctgggt 240
 aatgctcttt cttgtacgga cgtataa 267

<210> 26576
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904477H1
 <400> 26576

ccagaacatg ggatggagag ctgatgggtg tctgtggctt cttgttcgtg gaggtgggtct 60
 ttatctcagc aaggggcaaag ggtaactga agaatttgag gaggttcctg ttcaaagccg 120
 gggttttggc attcttgatg ttggatatcg ttcaacggat gaggcttggg cagcaggagg 180
 aagtgggtatt ctcttgagaa ctactaatgg tggcaagtca tggatccgtg acaaagctgc 240
 cgacaacatt gctg 254

<210> 26577
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904479H1

<400> 26577
 tgtgattcca gaccttaatt tttctctcat tcgcttcaaa tttcaggaaa tcaattatgg 60
 ctcaaccctc aacaagaata ggccttgctg gactggctgt tatgggccaa aatctagcac 120
 tcaatattgc tgagaaaggc tttcccatTT ctgtttataa ccgaaccact tccaagggtg 180
 atgagactgt agaacgagca aaacaagaag gaaatcttcc agtttatggc taccatgacc 240
 ccgaagcttt tgttcattcc 260

<210> 26578
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904481H1

<400> 26578
 attaattgca agaatggcac ctcgttgctt ggtgatgtcc ctttctgttc tcttcactct 60
 tggctcttgcg agagaaagcc atgccagaga cgaagatttt tggcatgctg tttggccaaa 120
 cactcccatt ccaagttcat tgcgagatct tctaaagcct ggccttgcaa gtgttgaaat 180
 cgatgatcac cctatgcaaa ttgaagaaac acagtaccog aaaaccttct tctataaaga 240
 agaccttcat ccaggcaaa 259

<210> 26579
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904482H1

<400> 26579
 gaaggtttct ctgttaaaaa gcaagccagt acagctataa cataccttca ttcattggagc 60
 aagatacaag ttgagattag agctcgccga atctgtatgg taaccgaaga caagatcagg 120
 aggaagaaac tggagtctca attaaaactg gaggcaaagc ttcattgatct ggagggttga 180
 tgggtgtggtg gttctgaaac caaggaggaa atccttgga ggatacatga cagggaagaa 240
 gcagcagtta agcgtga 257

<210> 26580
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904483H1

<400> 26580

gtagaaccct tccactgtgg tgactctgcg atgggtactg cctctacctt ctttgctatt 60
 ctgcttatgt ttttttggtc gtttgtaatt tgtttttggt ttcattagat ctgatgcctg 120
 aattgaacga ttatttggtt taattgttct gctggagctt tcttaagagg gtttgggggtt 180
 ttaacgccaa agccaaaaca ggagaaagaa catcatctct tcgctaactt gaactagcat 240
 ggatgtttgc tact 254

<210> 26581
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904484H1

<400> 26581

gttttgcact cacaacaaac caaaaatcag agctagctag caagactaaa atggcagaaa 60
 gtgcagtgtc cttggcaggt cagcaggcga ttccaaaaat attggaagct gtcaaaatgt 120
 tgagagatct cccaaaagaa gttagagaca ttacagatga acttgaaagc tttcaagatt 180
 tcatcaatga tgctgataaa gtgactgaag ccgaagaaga tgatggaagg cgtcatagaa 240
 taaaagaaag ggtg 254

<210> 26582
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904485H1

<400> 26582

ggtttcagaa gctaatcgca ggggaaaaag aaagaacaaa cattaatatc tcgagtattg 60
 agtttcggaa gcgcttacga cgatcaactt cacgtttatt cctaatagcag cattgtcctt 120
 gaacttcagg taaaaaatag cagaacattt tcatgggtaca aggatgtcca atccagcttc 180

aaaagccact tggacacctg gggtccatag agtatttggt gatttatgcc ttggagaaat 240
gctgaagaat 250

<210> 26583
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700904486H1

<400> 26583

ctgaagagcc tctctttctc tctcttctc tctcttctc tagcctctc cgccgtcgcc 60
accgtccccg ccacacaat caccgcgatg ctggccgcac accccggctt ctccaccttc 120
aaccactacc tctccgtcac ccaactggcc gaagagatca accgccgcca gaccatcacc 180
gtcctggccc tcgacaatgc cgccatgtcc tccctcctcg acaagcacct ctccctcccc 240
accatcaaaa acg 253

<210> 26584
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700904487H1

<400> 26584

ttcaggaaaa gtttagtgat gttgtcaact ggctcaaagc aaatgccact aaggcagaaa 60
attcggctgc tgatgctagt gctgcttttt ctgggaaaaa gctcttgctt gaagtaataa 120
tcaatgaaaa taaatcttct ggagaaaaaa ctgggtctac tctgttagt actgctacaa 180
atcttactag ttcttggagc cctggattat tttcaaacag tcaaggcatt tttggaattg 240
gcaatcaaag t 251

<210> 26585
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700904489H1

<400> 26585

atcttgtggt gtgtccctct tttaaagctat ttccttctct taacacaatt gggtgtgcca 60
 attgccatag tcaccaacca attaacaaag gtatatatat catcatatca tcaccaaagt 120
 aaaaatattg gggtgttttt tcttgtggtg gtggctactt ttgtggtggc agccacagct 180
 ggtagctttt accaagactt tgaaataacg tgggggtggtg agcgtgccaa aatctatgag 240
 aatggaaac 249

<210> 26586
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904490H1

<400> 26586

cgtgggttgg gattgcctta tttttcttag ctttcacagc ctcatgcttt gcaacagagg 60
 ttacttatga tgcacgttct ctcatatta atggagaaag acgtgttatt ttttctggtg 120
 cggtcatta tcctcgaagc acagtgcaga tgtggcccga catcatacaa aaggcaaagg 180
 atggagggct tgatgccatt gaaagttatg tattttggga ccgtcatgaa cccgttcgac 240
 gtgaatatga t 251

<210> 26587
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904491H1

<400> 26587

ctttttctct attgaggttg tcattgggag cactcaacct aaccattcaa gttgtgaaac 60
 cacatcgcaa gaaaattcac aagcgatga tccgaagctg aaagaggttt ctgagctctt 120
 cgatcgcttc aaggcttcgt ttctccgaa cgacttcgat aactgttcca atctcctttc 180
 tcagctaaag gtgttactta caggtttcag aagcctgcc cgttggttg cagatacacc 240
 taatgcagtt c 251

<210> 26588
 <211> 254

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904492H1
 <400> 26588
 cccaggtttc gtgttttgtg taggcgtcta cgacttgacg ctgttttgtt gggagttggg 60
 attaggtgca tcaattgact gtggcattat agcttattaa gagaaagcaa caacatgtgg 120
 aggctgaaga tagcagatgg tggaaaagac ccatacattt tcagcacaaa caattttgta 180
 ggcagccaga catgggctgt tgatcctgag gcaggaactc cagaggaacg agctcaagtt 240
 gaagcagctc gtca 254

<210> 26589
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904493H1
 <400> 26589
 aaggcagaaa gcaagctcat cctagagttt taaaaatggc agcagcctcc tccatggctc 60
 tctcttcccc atccttggct ggcaaggccg tgaagctggg cccatcagcc cccgaagtcg 120
 ggaggggtcag catgaggaag accgtcacca agcaggcctc ctccggaagc ccatggtacg 180
 gccagaccg cgtcaagtac ttgggcccac tctctggcga gccccgtcc tacctcactg 240
 gcgagttccc aggtgact 258

<210> 26590
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904494H1
 <400> 26590
 gcaagaccg tttggataag ggaaaactcc agagattgct ttgaagcaag atccttgcgt 60
 tgaccctttc ctgaaccaga accggggggg gagaggaaag aaaaggggat ccaaatttcc 120
 catccatcaa taaagtgagg gctttccgga ccttccccac ccctctttcc attcttccct 180
 cccctctcac tccccctttt tcaagaaata agccccgtc cctaagaagg ggccccctctc 240

tgataaggaa ggaaacgaaa

260

<210> 26591
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700904495H1

<400> 26591

gagaagcact catcattctt cgtttgtcta agatccgcct tctctgaatt gtaaaaaatgt 60
cgctcggaga aactgcttgt tcatacgcag ctctcctcct tcatgaagat ggaatcagtg 120
taactgccga caagatcagc accttggttg aaactgcaaa ggttcaagta gatacctatt 180
ggccaacctt atttgctaaa cttgctgaga agaaaaatct tggcgatttg atagccaatg 240
cagcaggcgg tgggtgcacca 260

<210> 26592
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700904496H1

<400> 26592

catcatctta agcagcagca acaacaacct cggaagcaat tccaatcctt cacaacctcc 60
aacatcacc c aaacaccaa acaacaaaag catgaaaatt ctaataatag cctccgctgt 120
ggccgcacg ttgtttctat tattatcatt catcatcgga tacttaatct tccgatacgt 180
aagaagaggt tccgctgcgg aagatagcag caaccctgaa ccttcgagca cgcgctgccg 240
caacttttct ttgacggaga ta 262

<210> 26593
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700904501H1

<400> 26593

gttcctctta ttagcgacgg ccattctcgc cgttgtgtgc tccgccgtga gcggttgctc 60

gccatcgat agggcggcgc tgctggcctt ccggaaggcg ctgagcgagc cctaccttgg 120
 cctcttcaac tcgtggacgg gctccaactg ctgcctcgac tggtagcgca tcagctgcga 180
 cgccaccacc ggccgcgtca ccgacatcaa cctccgcggg gagtccgaag acccatcttc 240
 gagaaagccg gtcgctcggc tacatgacgg 270

<210> 26594
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904502H1
 <400> 26594

tgccactact aaagacaggt ttagacgaga gctagatggg gtccattatg aaattcaggc 60
 tactgacccc acagaaatgg atcttgaagt actgagagac cgtgcacatt gaaatgttta 120
 agcactgaat tcattttctt atcagaatct actaggtttt aaagttttac ttttaatgaa 180
 ttacctcttc atgctttgtc atcaatagaa cccatcttgc cacaggaata tacctccact 240
 aatatgaatc tgaaggctga tggggtt 266

<210> 26595
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904503H1
 <400> 26595

gggattgttt caggccagaa tatgggagaa cattgaaacc tatttgcttg ctacagctgt 60
 gccgcattgg ggtgataata tatgattggg tcgacattag ctggctgaag aactactaca 120
 atttcggggt tgatcactac aacatgtctt ggagaaaaat gggcatatgg ggtcttgttg 180
 actgcctatt ggggaatgca ggtccatttg cttcgggaga ttggatcctc cctgatctca 240
 caattcaagg ctctataaga ctcaacta 268

<210> 26596
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904508H1

<400> 26596

tgctcttagg gaaggaatgg gtgggtgggtg cggtggccat gatccatttg atatgttcag 60
 ttcattcttt ggtggaagtc cgtttgggtc aggtggtagc agtagaggac ggaggcagag 120
 gcggggagaa gatgtggttc atccccctgaa ggtctctctg gaggatcttt acctcggaac 180
 ttcaaagaag atctctcttt cagaaacgt gttgtgggtca taatgcaatg ggaaaggctc 240
 aaagtctggg gcttcaatga cctgt 265

<210> 26597

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700904510H1

<400> 26597

ggaagctgaa taaattaaga attctcagct tttctggatc tcgaattgag aatttgccag 60
 ctgagttaga gaacttggat aaactacaat tactagacat cagcaattgt tcagtagtca 120
 agaggattcc gcctcagctt atgtcaaggt tgacttcgtt ggaagagttg tatgtaagag 180
 attgcttcat ggaagtgtcg gaggtaggag agagatacca gatgtgcaaa tttcatctat 240
 ttctgaacta aagcatttgc atc 263

<210> 26598

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700904514H1

<400> 26598

gctagaccag accctaaaaa gaacatcaca actttggtaa aagcatttgg agaatgccgt 60
 cctcttcaag agcttgccaa ccttacatta attatgggta accgagatgg aattgatgag 120
 atgtcaagca caaatgcttc tgtacttctc tcggtactta agttgattga caagtatgat 180
 ctgtatgggc aagtggcata tccgaaacat cacaacaat atgatgttcc tgacat 236

<210> 26599
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904515H1

<400> 26599

cacgagacga atctgcttta cttacatcaa cagatcttaa tgattattca gatcatgatt 60
 gtgattgacg aacttggaac tagagtaccg ttcagtaact ctgatacctt tgcctctgt 120
 gtctttcgtt cctatggcag ttcctatctt ctcaggagtg cgaggtatgc tcacgcgtgt 180
 gcgcgcgctc tcaccagca actgcctaac tcatcacttc agcccactca atcgcagatg 240
 cactcaaate aaatcgtagt cct 263

<210> 26600
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904476H1

<400> 26600

ctttctctct gcgacaccag atgatggaga cgacggcgaa gcgaaacgct gtcgttgccg 60
 caatcgcggc gttgttggtg gtgggtgtac tcgcygcgag tgtggtggtg gaggtcagg 120
 agaactcgga cgtgaagacg ctggtgaagc acatgcacgg gaagaagtac tgcgacaaag 180
 gatgggaatg taagggtg tcaatttact gttgtaacct cactattact gattatttcc 240
 agacctacca gtt 253

<210> 26601
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904448H1

<400> 26601

ctacaatatg gaagtttctc tatcttacat tactggattg attggggtat cattggaagc 60
 agaagaggtc actaagttct taaatcggat gcagttgcat gccaaactgt ctacatctga 120
 taataagcag tgtaactttg tggtatctgt acctccttct agaagtgatg ttcttcaccc 180

atgtgatgtt atggaggatg tggcaattgc ttatggattc aatgctatta aggatcaagc 240
agtagtagat aataaaggct 260

<210> 26602
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700904449H1

<400> 26602

aacaacttgc tccattccga aacagttggt catctttttc acttcccaaa atcctcacct 60
tttctcgcag ttttgctcga aaaaaccctt tgtttgttct ttcattgggt cattctggga 120
gcgccatgag caaacgcaac actttctttc acaatctcat caagcccttc aaattcagcc 180
ccagcaaaga gggacaaagc gaagtagaag aaataaagaa cctagctgca caagagcaaa 240
agatcttccc ctacgaaaca t 261

<210> 26603
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700904450H1

<400> 26603

tcttcttctc ttgctgtag ggttttagcg cagttcttct agatttaagg aagatgggta 60
aggaaaaggc tcacatcagt attgtggtca ttggccatgt cgactctggg aaatccacta 120
ccactggtca cctgatttac aagcttggag gcattgacaa gcgtgttatt gacagggttg 180
agaaggaagc tgctgagatg aacaagaggc ctttcaagta tgcttgggtg ctggacaaac 240
ttaaggctga gcgtgaa 257

<210> 26604
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700904451H1

<400> 26604

atttcagtga gtgateggtg ttactttgat ctcatcataa tcgtcagcgt caattgaaga 60
 agatgccgat cagaaacatc gccgtcggaa ggctgaaga ggcgactcac cccgacacgt 120
 tgaaggcggc tttggctgag ttcatctcaa cttctatctt cgtgttcgcc ggctcaggct 180
 ccggcatcgc ctacaacaag ctaccgaca acggcgctgc caccctgcc ggctcatct 240
 ccgctccat cgcccatg 258

<210> 26605
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904452H1

<400> 26605
 gatggatgtt cattttccaa cttgataccg cgttcgctca ctctcaactc aacttcaatt 60
 attcaaatec cacactttct ctctctttcc ttcaaactc aattctatct tgcaaaatct 120
 gaatcaaaca cagttaaaga cgcacaagaa aacatctcgc tcaacaccac caacacttcg 180
 gatctacgtt tccactctcc gaacatctct aaaggaaaga aaaaccgatt tacagcgaca 240
 acaacgaacg aacgat 256

<210> 26606
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904454H1

<400> 26606
 agaagagtga aaacatcgcg aatggggact ctctgcttcc ctctatttgc gaccatggca 60
 atttgggggc tattgttagg agcagaatca aaaacacatg tcggagatgc agaggttctg 120
 aaggagctga agcaaggttt ggagcctggt tcggtgaagc caggctcgtg cgtgagctcc 180
 tgggacttca ccttggaccc atgcgacaac cttttcggcg acaagttcac gtgtggcttc 240
 agatgcgacg tcg 253

<210> 26607
 <211> 253

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904455H1
 <400> 26607

ctcgtttttt ctcagaacct tctgagggtta aagcaaaaaa caaagagaga gagagagaga 60
 aaatgatgaa gccatcgatg ctcagatctc tccactccgc cgccaccgc gccgcctctc 120
 atctcttccg ccgtgggtac gcctccgagc cggtgccgga gcgcaaggta gccgttctcg 180
 gcgccgccgg cgggatcggg cagcctctct cccttctcat gaagctcaat cccctcgttt 240
 cgagcctctc cct 253

<210> 26608
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904456H1
 <400> 26608

ggcttattta aacagcgaat aaccaaagat gggcaggagg aagttgctga tgattggctt 60
 gagatgggca atccctggga gattatttga aatgatgttt catatcctgt aaagttctat 120
 ggcaagggttg tttcagggtc agatggtaaa aaacattgga ttggaggaga agatataaaa 180
 gctgttgcac atgatgttcc cataccagga tataacacta agactacaat caacttgaga 240
 ctttgggtcta ca 252

<210> 26609
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904457H1
 <400> 26609

aaacagactc aagttttact acaatgggtga atacgctggt ttcgatgaag atgagccaac 60
 atcaaggcag ggaggcaagg gagatgttat taaaatgttg aagaagactc acagatacaa 120
 ctcaataatt ctgattggag acggtgcaac cgatcctgaa gcctgcccac cagctgatgc 180
 cttcattggt tttggtggaa atgttgtgag agaggaggtg agatcacgtg ccaagtgggt 240

tgtctccgat tt

252

<210> 26610

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700904459H1

<400> 26610

cataactcaaa ctcactcttt ctaagttttt tctatctctt tctctctctc tctgtctgcc 60

atggtttctct ccaaaaccac ctccgaatcc gacgtctctg tccactcaac cttcgcttct 120

cgatatgtca gaacttcgct tcccaggttt aagatgcccg aggagtcgat accaaaggag 180

gcagcgtatc aaataatata cgatgagttg catgttggat gggaacccaa ggttgaactt 240

ggcatcattt gt 252

<210> 26611

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700904460H1

<400> 26611

cgataaagga actgtcctca tacatacagc tgtgcagcta gaaaattatt caaaaaccga 60

agaggctaaa gtagaggagc tcatcaaggc agtagcagat tctggtgcca aagtgattgt 120

cagtggagga gcagtaggag agatggcggt gcatttctgt gagcgttaca agcttatggt 180

tctgaaaatc agtcaaagt ttgaactacg tcgattttgc cggacaactg gttctgttgc 240

catgctaaaa cttggc 256

<210> 26612

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700904461H1

<400> 26612

tggatcattt ggaatcgttt tccaggcaaa atgcttggtg actggggagg cagtggcaat 60

taaaaagggtt ttacaagaca gaagatacaa gaatcgtgaa ctgcagttaa tgcgtgtgat 120
 ggatcatcca aatgtgatct ctttgcagca ttgtttcttt tcaactacaa gtacagatga 180
 actttttctc aatttggtga tggagtatgt tccagagtcc atgtatagag tcttaaagca 240
 ctatagcaat gctaataca 258

<210> 26613
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904462H1

<400> 26613
 gaagcaataa gatgaaaatg aaagtgcctt ttttgtttgt tgctacagtt ttggtagcat 60
 atgaatgcc a tggctcagac taccagaagt tccctctcca aatgaaaact gggtttggtg 120
 ggcaatacag caatgaggtg gcatgtgcc gttggaggct tggcgtggaa gcaaacaacg 180
 tagtcaagtg gcaaactgtt cctgcagctt ggggagagta catagctgac tacgttctag 240
 gagaccaata tagatcagat 260

<210> 26614
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904463H1

<400> 26614
 atttacaaca acaatggctt ctgtgcctca accaaaaatc tcccttctaa cttattctt 60
 cttctcgtcc ttcaccatca ttgcgcatgc aattgttctt caaaacgaaa cttcaaatt 120
 tgagaactca ggtggaattg ggacccta at tggtagta gggggagaat tcaggatgat 180
 taggatcttc aaatctccat tccaagttgg gttctacaac accaccccag atgccttcac 240
 tctcagcttg cgtgt 255

<210> 26615
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904464H1

<400> 26615

agcaaggaca gaaagaagtt ctaaggaaga ggggaatatgc agaatacaag gtgctagttg 60
tctattttgca ataacaacat cagcgatcca accttagtat tcttcaaccc agagagattt 120
gcaataataa attacaacaa cttaaacgat ggcaggagga gcttatgtag attcgggaaa 180
tgcaaagcaa ttgatggga aggtcacggc attcgtattg gttacatgct ttgtggcagc 240
catggggaggc ttactcttcg gtt 263

<210> 26616

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700904465H1

<400> 26616

gcgaaaacaa cgtcaacctc ctcgaccgcg tctctgcctg gtggggcccg gtcggctcca 60
acatgctcga ccgctccgac gccgtctcca aggtcgcatt cgaatccgtg gggcgctct 120
tccaggaatt cagctccaca cgcatgagca agcttgccgg cgataagctc gtcgattccg 180
aaaactccct cgcgatccgc tccaactggg tctcctccat ggtggacttc gtgtggcgga 240
acgccgcgcc ctcatggc 258

<210> 26617

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700904466H1

<400> 26617

caaagagttg atgagcacat agaaaacaaa gctgtgctga atgaattgaa tttgagtgt 60
gtccccagtc tatatgaact atttgtaaaa ctgattgaac gtttggttga gaacaaagag 120
gaggacaagg attcaattgt gattttcttg cttgacatgc tagagattgt gaccagagac 180
ataatggatg gagacattga ggggtaaatc atttgcaatt tttgtatccc ttgctaattt 240
gataaatttt gga 253

<210> 26618
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904469H1

<400> 26618

ggcaagacca tcacccttga ggtggaaagc tctgacacca tcgacaacgt caaggccaag 60
 atccaggaca aggaaggaat ccccccggac cagcaacgtc tcattttcgc cggaagcaa 120
 cttgaggacg gccgtaccct tgctgactac aacattcaga aggagagtac tcttcacctc 180
 gtcctccgtc tccgtggtgg catgcagatc ttcggttaaga cactcaccgg caagaccata 240
 accctagagg ttg 253

<210> 26619
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904470H1

<400> 26619

cttttcttct ttgtaataga tagcacgcgt ttctctctct cgctctctca acgaatatat 60
 gtgtacttcc tctctttgtg ggtacattca atttaccatg tcgagttcat cggaatactc 120
 tcaattttcc ggccagaaac cggcgaggtc gccggagaaa tcgagcttct ctcagacttg 180
 tagcctgttg agtcagtaca ttcaggagaa gggtagctt cggagatctt accctcgga 240
 tgacatcatg tgg 253

<210> 26620
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904471H1

<400> 26620

tcgaaatcgc tgttggtggg aggcgaaggc aaccatgacc atgaacggcc accataccgt 60
 taacatcgct aacagtaaca ggcaccccaa cgacgatgac caccacgccc tccctccctc 120

ctccgaccat gatgatgacg aacaagaact cgtggatccc gatgatcctt ttgacattac 180
 tcaaaccaag aacgtatcgc acgacacgct tcgcccgttg agacaagcag cactcgtgct 240
 caatgcgtcc a 251

<210> 26621
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904472H1
 <400> 26621

gagaggaccc gggtattcca ttctcaagaa aatattattc ggatagatat gaagttggca 60
 aacgaagatg ttagtatgct tgcatttact tcagagcaga ttactgctcc attcctactt 120
 cccgagatgg ttgaaagagt ggctagcatg ctcaattact ttctgctgca attggtgggt 180
 cctcaaagaa aatcgcttag tctgaaggat cctgagaaat atgaatttcg tcctaagcat 240
 ttgctaaaa 249

<210> 26622
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904473H1
 <400> 26622

gaagttgtgc cctaattttg acaatgaaga tgggttggat accgtccttg aggtgccaat 60
 tcccaggag atgttgctcg gcatgggcag caatgggtcc aatcgttgga agaacatgcg 120
 aactctcatg aatgctcaat tcgttgataa gtcttctggt ctctcaacac catcaaacia 180
 tgaattcatg gtgttgctta agcttggtgg tgctcccctt attcctcttc aggttccatc 240
 agaccata 248

<210> 26623
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904474H1

<400> 26623

caaggagaga acaagcacag cctcttagaa aagcttcacc gatctgacag cagctctagc 60
tcttcaagtg aggaggaagg agaagatgga gagaaaagga agaagaagaa gaaggaaaag 120
aaagggctga aagagaagat cgaggagaaa atagaggggtg atcatcatca tcacaaggat 180
gaggacacaa gtgtccctgt tgagaaagtt gaggttggtg aaacagcaca tgctgaggaa 240
aagaaggggt tc 252

<210> 26624

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700904475H1

<400> 26624

gtggttttca tcgtcttctt tctcttatat ttcttttttt ttttgtcttc gccgcacgcc 60
gaaacaatgg ccggaaaagg agaggggtcct gctatcggaa tcgatctcgg aaccacctac 120
tcttgtgtcg gtgtgtggca acatgaccga gttgaaatca tcgccaacga ccaaggggaac 180
agaacgacgc cgtcttacgt cggcttcact gataccgagc gtctcatcgg tgatgcggct 240
aagaaccaag t 251

<210> 26625

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700904447H1

<400> 26625

ggattttcaa gtctggccgg ggcacttctt gagaataaca gtatacgtca tatacatctc 60
aatggcaatt atggtggggc tttgggggct aatgcattag ctaaagcact tgagagcaac 120
aagtcaataa gggaacttca tttgcatggg aattctattg gagatgaagg aatctgttct 180
ttgatgacag gggtatcttc acataaaggg aaacttacac ttctagacat aggcaacaac 240
tcattaacag ctaaagggt 259

<210> 26626
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904418H1

<400> 26626

tttttatttt atgctttttt ctccgatgtg actggcggtt gtttggtgtg tttttcgtgt 60
 gcgtcgaacc ctctgcgttc gttaattttg ttttgtgttt tcggatcgac ttgtttcgcg 120
 ttcggttgcg gggatcttcg gtttaggtaa atgagtggta aatgagtggg ttttgagcag 180
 aagcagttaa aagagaaagg gattcagcga agatgacatc ggttggtgtg gcaccaactt 240
 cgggtttgag agaagcc 257

<210> 26627
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904419H1

<400> 26627

atattttaca aattatttaa ttatcatgga tgtcttgtga tgattttgtg gttgaacttt 60
 gtttattgtt ttcagtcagg aaaagtctat ctccaaaagt gcaacaccac aataggcttt 120
 ccaccaatct ctgaacacaa caagctgaat gcaaagccag cagggccaaa actccaagac 180
 ctaaacttcc catcatcatc cccctccaat gtgctattga acctctttga tgaacaagat 240
 ttggacctta aattggtctc 260

<210> 26628
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904420H1

<400> 26628

gtaactcggt cttcttcttt tgttgttctg tgctcgtgtt tgttttttct ctcacctgaa 60
 aatgtcttgc tgcggtggta actgtggttg cggaagctcc tgcaagtgcg gcaacggctg 120
 cggaggctgc aagatgtacc cagacttgag ctacactgag tcaaccacca ccgagacctt 180

ggatcatggga gtggcacctg ttaaggctca atttgagggg gctgaaatgg gtgtgcccgc 240
 tgagaacgat ggctgca 257

<210> 26629
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904422H1

<400> 26629

aaccaaccct tttgagcttg cacaactctg atggtagttg cacaactact tcagactctc 60
 tctctctgag tgccctacca cacagattct gtgatataacc aatggaggcc ctcaatgctg 120
 ctggcttgac cctctatct gtgctctctg atagaacaaa aacaagaact aaacaccctt 180
 ctgtttctgc atgcaaagtc tcaaactttt ccacctccac caacaagaaa caagcattgc 240
 tgcaaagttg catatc 256

<210> 26630
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904423H1

<400> 26630

tatggcacag aaaaaagctt ctcatgtgct tgtatgcaaa gagttaaagc cacacctgct 60
 aatggcttta gtccaggtgg gctatacctt tttgtatttc atcactgaag cctccttcaa 120
 tcatggatatg agcccttatg tgtatgtaac ctatcgccat attgtggctg cggttgtgat 180
 gttccctttt gcatactttt tggagagaaa tgcaagaccg aagctgacat ttgctctttt 240
 catggaaatt tttgt 255

<210> 26631
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904425H1

<400> 26631

gtctggaata atgatgtcag gttcttctgt gttaaggatt cttctggtag tccaattgcg 60
 tatttttatt ttgatcctta tagtcgtcct gctgaaaaaa ggcaagggtgc atggatgaat 120
 gaagtctttg ctcgtagtcg tgtattatcg cgtgatggca cctcagcaag attgcctggt 180
 gctcacatgg tgtgcaatca aactcctcca gtaggaaaca agccaagtct aatgacattc 240
 cgtgagggttg agac 254

<210> 26632
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904427H1

<400> 26632
 agacaacatt gacttgtgct ggctctggcg gagttgaaga catgctagtg gggcgcctat 60
 ggttgaatga ttatcttgct actgtttctc ttgggtgggac aatatctata ttttttagcaa 120
 ctgatcttga taaagccccg acaacatttt ctggacatat gaaaaatggt tcttccttaa 180
 ctattcttag aagtaaccct aggggtgctat tgtctagcag ttatgatggc ttaatagtta 240
 agtggattca aggg 254

<210> 26633
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904428H1

<400> 26633
 agttggatga ttgggttctt tgccggattt acaagaagtc caaacatgct ctaacttcaa 60
 cagaggcatc aataggggtg ggtgaggtag atcaagcaga ggagcactta ttccaagaga 120
 ccccttttgc aatctcaaaa tctccagcac ctccacctca aaacacattg atatctcaga 180
 aatctgtgct cttctccaac ttgttggatg ccatggacta ctctatccta agtagtttct 240
 tatctgagaa tcatacca 258

<210> 26634
 <211> 116

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904429H1
 <400> 26634
 atgcatgtga gtgaagaagg actgacatcg agagagagtg aaacgctgcc tattctgaaa 60
 gtcgtctcca cgttctcctt tgcgcatatt gtggggtgtg ctgtgctgtg tgtgcc 116
 <210> 26635
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904430H1
 <400> 26635
 gggaagagga accctagcta gggtttgga gaagctgac cgagaagatg gtgcagcgtc 60
 tcacctaccg caaacgccac agctatgcta ccaaatacaa ccagcacaga gtcgtcaaga 120
 ctcccgttgg caagcttggt tatcagacca cgaagaagag ggccagcggg cccaagtgcc 180
 ctgtcactgg aaagaggatt caagggattc cacatttaag gccagcagag tataatagat 240
 caaggttaca cagaaaccga a 261
 <210> 26636
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904431H1
 <400> 26636
 gaacaataac ttttctggcg ttgtgcctga agggttatgg ggtttgcccc atttgtattt 60
 gttggagctt gtttataatt ctctttctgg gtcgatttcc aattcgattt ccggggcctg 120
 gaacttgtca atgttggttaa tttccgggaa taagttttct gggtcgattc ctgaggggggt 180
 tggggaattg ggtaatcttg aaaagtttgt agctaataat aatagtctta ctggtcggat 240
 tccgaaaagt gtgttttaggt tg 262
 <210> 26637
 <211> 266

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <223> Clone ID: 700904432H1

 <400> 26637

 cacgtgtcaa agtctacgac accgacccgg cagtgttacg ggcactatcc ggatccggaa 60
 tcaaagtgac ggttgatctt ccgaaccagc aacttttcgc agccgccaaa gtcctctcct 120
 ttgcatactc atgggtcgaa aggaacgtcg ccgcgtacta cctcacacg caaatcgaat 180
 ccattgcggt cggcaacgag gttttcgtgg atccacacaa cataaatgca ganctcgtac 240
 ccgccatgaa gaacatccaa aaagcc 266

 <210> 26638
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904433H1

 <400> 26638

 ctcaaagccc gagctcaagg actaccagat caacctaaag gagtgcgggc ccatggtcct 60
 ggacgcgcta catcaagatc aagaacgaga tcgacccgag cctcacgttc cgccgctcgt 120
 gccgcgaggg gatctgcggc tctgcgcca tgaacatcga cggttgcaac ggctcgcgt 180
 gcctcaccaa gatccccctc gaaggcgccg ccaccacgat caccctctg ccacacatgt 240
 tcgtgatcaa ggacctcgtc gtcca 265

 <210> 26639
 <211> 259
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904434H1

 <400> 26639

 acgaaaatta gggttttag tagtagcagga agaagcagca atggcgccga agataacacg 60
 taaggtagc agaaaccctg aattgataag gggaatcgga aagtactcga ggtagcagat 120
 gtaccacaag aggggcattt gggctatcaa ggccaaaaac ggtggcggtt tacctcgcca 180

cgaccctaaa cccaagcctg aagctcctgc tgaaaaacca cccaaatttt accctgctga 240
 tgatatcaag aagcccctt 259

<210> 26640
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904435H1

<400> 26640

attgaccaca aggcgttgca tgatactttt tctacatttg ggaatatacct ttcgtgcaag 60
 gtagctacag attcatctgg gcaatcaaag ggctatggct ttgttcaatt tgataatgag 120
 gaatctgccc aaaaggccat tgagaagctg aatggaatgc tgctgaatga taaacaagtg 180
 tatgtgggac ccttccttcg caagcaagag agagaaagta ctgctgacaa ggcaaagtgc 240
 aacaatgttt ttgtgaa 257

<210> 26641
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904438H1

<400> 26641

gcgtcttcat aaacgccttt cttctccggt tccgtttcct cgttcgaatt cgctttttga 60
 tctgcgaaaa tgagagagtg catctcgatc cacattgggc aggctgctat ccaggtcgga 120
 aatgcttgct gggagctcta ctgcctcgag cacggcatcg ggcccgatgg gcaaatagcca 180
 agtgacaaga cagttggcgg tggatgatgat gctttcaata ctttcttcag cgagactggt 240
 gctggaaagc 250

<210> 26642
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904439H1

<400> 26642

cgcggatcca tccgcgctgg gttaggcttc actccgccgc cgagacgcgg tttccggcga 60
 cgggtggagag gcaggattcc gatcacgata atgatacaga gcaccaccac caacaccacg 120
 gcgagcgcca ccaccaccac caccgccaca aggcgagctg gttcggaag aagattcgga 180
 agttcatgaa gctgttctga ttttgatggt gcaacgacga acgacgatga tgcatatata 240
 tatatagtag ttata 255

<210> 26643
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904440H1
 <400> 26643

ggaaaatgtc catggactca gatgggctat ggcaatttgg tttttaattg gtgcattgat 60
 tgttatttat ttggaatacc atgaaaggca gcgaataggc cggcagatat ctggaagagg 120
 caattgggtg cttggtaatc ttgaggaaga tgattcagtt gatctcttga ggccaaccag 180
 aacaagtgcg gataaagagt tacagccctc tgcgagaatg gaagtccagt tagaaccttt 240
 gaacagatg 249

<210> 26644
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904441H1
 <400> 26644

aaacagccac catagtcttc cgtggtggag ctgatcagtt catagaggaa gcagagcgaa 60
 gtttgcata tgcaatcatg attgttagga gggctttgaa gaattcaaca gtggttgctg 120
 ggggaggtgc aatagatatg gagataagcc ggtatctgag gcagcatgca cgtacaatag 180
 ctggaaagtc tcagcttttc attaatcct atgcaaaagc tcttgagggt atacctagac 240
 aattatgtga ca 252

<210> 26645
 <211> 250
 <212> DNA

<213> Glycine max

<223> Clone ID: 700904442H1

<400> 26645

atggggccgcg cccttggaac tcctccatct gcgcctgtct cggccaaaac gatcacttct 60
gcagcagcga tctcgaagtt tgtcttcttg ggagtgtggc tccttgtgtg ctgtatggaa 120
gcaatgttga gagacttgga tctgctcgtg ggacatttgc caatcactgc ttgccttatt 180
ctggaatgta tataattgga aattcctgct ttggttgga ttgccttgca ccctggtttt 240
cctatcctag 250

<210> 26646

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700904443H1

<400> 26646

ggttatgtgc tttaccagca ttttgggtag ggttattgta cgatgaagtt tctctacaaa 60
gtgtttttgga tatgacagct gattggactc cagaagaaag acaaagtcta aggaataagg 120
ttcctgtaac tggtttgaag acaccattcc gagacggtgc gctgaagcat gttgctgaag 180
atgttctaaa gttggcaaag gatggccttg aaagaagagg cttcaaggaa tcaggatttt 240
tgaatgaggt tg 252

<210> 26647

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700904444H1

<400> 26647

ccaattccaa agcccttggt tcaacttttc caatccgata tggccgcgcg gaccgccttg 60
ctccgctctc tcccagccg cgaccttccc tcgtcttctc tctccgcctt tcgttcgttg 120
acgagtggca caaagacatc atatgtaggg aacaagtggg caagtttgct tcggccgttc 180
agttcaaagc ctgctggtaa tgatgtcatt ggaattgata tgggtactac caattcatgt 240

gtttctgtta tggag

255

<210> 26648
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700904445H1

<400> 26648

ggcaccgttg ggtagctct tggtcctcct caatcatcga catcaggggtt ccatgctggc 60
agctcttctg ctataaatcc ttttgatgat tgggtcccaca acagggacaa gggggctgat 120
gaattctttt cggaagaaga aatccgcttc agaagtcacg agatgctaga gaatgaagat 180
atgcagcagt tgcttcgcct cttcagcatg ggaggtcatg gctccatgag tgctgaggat 240
ggctttttcat tcccat 256

<210> 26649
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700904446H1

<400> 26649

ttatactctg cgaaataatt ttgcgtttc attgtcttat aattagcatg gcctttgccg 60
cagttaaagt gttcatgata ttggggcttt tagccaccgc gtgtgtagca caagcccctg 120
gacctgcacc cagcaacca ccatcaacaa ccccatcacc gtccacgtca gcacccgccc 180
catcaccaac cgaaacacc ctcctcctg cggtgcacc tgcacccgca acaccacac 240
ccacaccgc tccttcactt 260

<210> 26650
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700904417H1

<400> 26650

cctacagccc ctttggaactg attttcataa ctgggtttgt gtttggtgtt gttttttttt 60

aactgaatta tctatgtact tgtgttgatc cttttgttgt gattcaaaac agcgatgttg 120
 ttgttctttt agttttgttg atcatgatca tgatgatggg attctagagt cttcaattat 180
 tggaagtgag gttgcttcaa gtgttttttt ttattgtatt ttttttcttc ttttttttta 240
 tcctaaagtc tgaaacttgt ggg 263

<210> 26651
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904368H1
 <400> 26651

gtcttctgtc cgtacaccac tttcttcctt cccaaaggag ggaaaagatt ggttcttgag 60
 tggtttcagg acttctattt gtggacaagt tgtgtgcaat ccaagttttt gtgggagaca 120
 aataactaga agccatggaa accgtcttgt tgttcactca ctgcttgga ggaaggtgag 180
 gtccgtgaag agcagagaga ctgtgattcc tgaaccagat tacaggattc caattgtgct 240
 act 243

<210> 26652
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904370H1
 <400> 26652

gaataataat aagcctatat tctaaggccg gaaaaataaa aaaaggaata acaaaaatgt 60
 ctggaaaggt aattatctcg gctgtttctc tcatcctggg ggttgaggag gccataggtg 120
 tgggtggtggc cgtcaacaag aagggcgagg atcccacact tcaatctcaa caaaaatcag 180
 taggggttat ctgccaaaac actgatgacc agaagctctg ccacgaaacc ctaagctccg 240
 tgaag 245

<210> 26653
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904371H1

<400> 26653

tgagctttta cacggttatt caatcacaca ttgtttaaaa tgatttttaa ttgattaata 60
gtaccaaatt ttactgcaac aatgcataaa aattaaactc tttagcataa ttagttcatg 120
acatgggttg ttaagcttca tatagttttc aagtaacagc ttaagctttt atcatgattg 180
gttcatgaca atcattactt ccatttaact acaaattctt aacaaggatg atgacaatag 240
aatg 244

<210> 26654

<211> 156

<212> DNA

<213> Glycine max

<223> Clone ID: 700904372H1

<400> 26654

caccacacca atgccaatat accatgtgca acgaaattca agcccaagcc caagcccaag 60
cccaagccca acctgggttt aagctcgctg gtttcaaaaa cttcgtccga accaatccta 120
agtcggaccg ctttcaagtc aaccgcttcc acacaa 156

<210> 26655

<211> 248

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904373H1

<400> 26655

cgagagaaga aggggtgagct aaagtcaatt ttctttcctt tcctttccac tagtcacata 60
atcctngtag tggacatggc cagactcttc gccttgacag acgtcgacgt caccatcatc 120
accaccgcac ataacgccac cgttttccaa aagtccatcg atttagatgc gagtcgcggt 180
cgcccatca gaacgcacgt tgtcaacttc cccgccgcac aagtgggtct ccccgttggg 240
atcgaagc 248

<210> 26656

<211> 247

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700904375H1
 <400> 26656
 cactattctt cttcgcagca atggcgcgag tggatctgga cgggaacccc atgaaggcac 60
 ttacgatctg catgatcggc gctggcggct tcataggctc gcatctctgc gagaagctca 120
 tgtccgaaac cctcacacc gtctcgcgcc tcgacgtcta caacgacaag atcaaacacc 180
 tctcgaacc ctccgattcc cctggggcgg gccgcatcac cttccaccgc ctcaacatca 240
 aacacga 247

<210> 26657
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904379H1
 <400> 26657
 acaaaatgag attcgtgtac gctcattttc ctatcaacgc tagcattggc aacaacagca 60
 agtccatcga gatcagaaat ttctcggcg agaagaaggt gaggaagtg gacatgcttg 120
 agggcgtgtc gggtgttaga tctgaaaagg tcaaagatga attggtcttg gatggaaacg 180
 acattgaact tgtttctagg tcatgtgctc tcattaacca gaaatgtcat gttaagaaca 240
 aggatat 247

<210> 26658
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904380H1
 <400> 26658
 gattaggtga agatggatga tgattagctc gcatggtctc tgacgcgctt cctttatttt 60
 ttcaagagga tagccgcagg gtgcgggcac gtgaagaaga aacggagaaa gcaatgcttg 120
 aaggttttta gggagtggag atttggtgtt cggtttctga aaggggtgt tagtttgta 180
 gatagtgatg ccgttagttt ttaaacgctg ttaaaagacg gaagggtggg gttaagaaat 240

250

tggaccctaa	tcacctcttc	ttcacgcatt	tccgcgatgg	tgctattgcc	tcacgcattg	60
agggccaaca	cagaggagct	cttccttctg	ttatttgtgat	tggtgctgga	atatctggac	120
ttgcagcagc	acgaagtctc	tatgatgcat	cttttaaggt	gactgtactg	gagtcacgag	180
ataggccttg	tggtcgcatt	catactgact	tctcatttgg	ctgtccagtt	gacatgggag	240
cctcat						246

aaaacgcatt	gtgtttctct	ctttccgcgg	cgtagatctg	agcagtttgg	gaaaccctaa	60
ctgctctcac	cactctcttt	gctttttttc	ctctccgata	aacgacctct	ttcgtcgccc	120
taagtcatgg	caggacttgc	acccgagggg	tcacagtttg	atgctcgtca	atatgatacc	180
aagatgaatg	agttgcttac	atctgatgga	caggattttt	ttcacatctt	atgatgaggt	240
ttatg						245

accaaaacta aaaaagaaca tttgcaggag gtataagatg gcattagaaa attgaatgtt 60

attaatttct tcatccactt ccactatttc aaaatcaaaa tgattcttat gttcttcctt 120
 ggatgatggc gcttcaactt tgctatatgt gaaggaggtt ctgaaaaaaa cttgaggaag 180
 aagaaaagat ttcaataagc tatgttgata aaggagatg gagaatgata tagagggtg 239

<210> 26662
 <211> 247
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904388H1

<400> 26662

gccatgtcac taaagtcagt tactgtattg actacatata tcatctatgc atccatagtt 60
 gctaagtcag ctatggatcc ctacaaggcc ctcaacatca tcttggancc aaacggaacc 120
 ctcacacgct taagcattcc tccacaaagc cctcctaaca cggatnccan tctnncana 180
 gcggnctncc ttgnagatct cagcatcaac caatccaagc acacctgggc ccggatctac 240
 ctacccc 247

<210> 26663
 <211> 56
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904390H1

<400> 26663

caacaacact ctctcttctc gcgcttggct ttctgctctt cactcagtct cattca 56

<210> 26664
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904391H1

<400> 26664

gcagatcttc gtcaagaccc ttcaccggaa agaccatcac ccttgagggtg gaaagctctg 60
 acaccatcga caacgtcaag gccatgatcc aggacaagga aggaattccc ccggatcagc 120

aacgtctcat cttcgccgga aagcagctcg aggacggccg taccctcgcc gactacaaca 180
 tccagaagga gtcaaccctt caccttgtec ttcgtctccg tgggtggcatg cagatcttcg 240
 tcaag 245

<210> 26665
 <211> 71
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904392H1
 <400> 26665

ctcgagccgg ttcattgcac tgcaacttag ccacttaaac cccattcggt agcctctcca 60
 catcttcact g 71

<210> 26666
 <211> 121
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904393H1
 <400> 26666

aatcaaacga ggcgctgaac tgagccatgg caccgcatga tctccgccgt ccgttcaagc 60
 gaccagcgat ctccgatcaa gagcggcgca gggaacagtc tctgctccgc caggcacaga 120
 g 121

<210> 26667
 <211> 108
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904395H1
 <400> 26667

caggagctat agactcttta gatgatacga tgatggtaat tgaagcccct cggcaatcag 60
 acttaatgat acagcttata aggacattga agcctaaagt gatggtga 108

<210> 26668
 <211> 72
 <212> DNA

<213> Glycine max

<223> Clone ID: 700904396H1

<400> 26668

aaatttttaa tttttgtgca ttatgtcact attgaagaaa aatgattttg acctttttac 60

actggttcca ca 72

<210> 26669

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700904401H1

<400> 26669

atttacaaca acaatggctt ctgtgcctca accaaaaatc tcccttctaa ccttattctt 60

cttctcgtcc ttcaccatca ttgcgcatgc aattgttcct caaacgaaa ccttcaaatt 120

tgagaactca ggtgaacttg gaccctacat cggtgagtac ggtgcagatt acagaatgat 180

aagcatcttc aactctccat tccaagttgg tttctacaac accaccccaa atgccttcac 240

tctagctttg cgtgtagggc tccaa 265

<210> 26670

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700904403H1

<400> 26670

cccaactcaa tttttctctc aaccggccca atttagcata agcccagcat ggccaccgca 60

acagcagcag ccacctcgtc cttcatgggg acgcgcctcc tggaggccca ctccggggcg 120

gggcgggtgc aggcccgggt cgggtttggc aagaagaaag ccgccgcccc gaagaaagtt 180

tccaggggggt cgggctctat ctccgatagg cccctgtggt atccgggcgc caaggcgccg 240

agtacctgga tggga 255

<210> 26671

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700904407H1

<400> 26671

aattccatgc gcctcttgat agggctctccc attttcaatt ccttctcagt ttccttttct 60
 ctgaaaaaag atgttgaggg ttgcagctag gaggtctct tctctctcct cttcttctcc 120
 gttgcggccc aatcacgccg cttccgcttt tctctctcga aacgacgtcg tcgtcgatga 180
 ccacagatct gttccttct cccatcccct tcttcccttc cgaggttttg ctactgaatc 240
 cctgatccac cca 253

<210> 26672

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700904409H1

<400> 26672

atctagagca aagtgattga ttccagttcc aatggccttc ggcaccagcg ccttgatcgg 60
 aaggaagggtt cttgtctcac cccaacccc caaaacaacc aaatcatcta ctccgctaca 120
 attccttttc aagagaagca tctttaatgc tcacaattca caagctgctc tagctgccct 180
 tatcttttcc tccgcgagcc tctctgtgac cccacaagcc cttgccgctg ataacgtcac 240
 ccctccccct gtaatt 256

<210> 26673

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700904411H1

<400> 26673

ctttctttct tttcgaaaat gctgattttt catttttttt gccttttttc ttcttcttcc 60
 gtctgtattt gatttggtcc cattaattct gaaatgattc accttattta tttggaattg 120
 cgtgggtttg atgtccaaat cttttctcac aactgatgtt tcggccttct gtcaaattga 180
 agcagtaaag ttaattgatc aataatctaa ttggagccga tcggacttgt tgactttgag 240

caatgggttta ttggt

255

<210> 26674
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700904412H1

<400> 26674

tttattttaca acaacaatgg cttctgtgcc tcaacaaaa atctcccttc taaccttatt 60
cttcttctcg tctttcacca tcattgcgca tgcaattggt cctcaaaacg aaaccttcaa 120
atttgagaac tcaggtgaac ttggacccta catcggtgag tacggtgcag attacagaat 180
gataagcatc ttcaactctc cattccaagt tggtttctac aacaccaccc caaatgcctt 240
cactctagct ttgcgtg 257

<210> 26675
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700904413H1

<400> 26675

cttataacta ggtattttatt ttctcatatg ctcttcttaa acttctcttt ggtagtgtgt 60
tcacatacat atctacttat tggtattatt attgtcacca catacaataa tgggttccat 120
tagtaacacc gagcttcata atcatcacia tgatgatgac gacgatgatc atcgatcatg 180
ggtgaatttc tcgatccaga gaggatttgg gacaaaattg aaggaggcat tgaaggaaac 240
attgtttccg gatgatc 257

<210> 26676
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700904414H1

<400> 26676

tcttaatcca accagctatt gcaccagcag cttttgctac ctttcaaact gctgccaaaga 60

ccggtggtcc tgctgctgca gttggtagaa aactaatcca tactgagctc ctaagtagtg 120
 cttggactgg tttcttagct ggctgcttgc acaccttatac agggcctgac cacctagctg 180
 ccttggtctcc attgtcaatc ggtcgaacac gaatggagag tgctgctggt ggagcccttt 240
 ggggttggtg ccatgatgct 260

<210> 26677
 <211> 264
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904415H1

<400> 26677
 cttectctta attactctat cattctttct cctcctcaga acctcaanaa ccgaaaccaa 60
 gcattacaat tcccaatttc atagaaaccc cagaatcaat aaaaacacat aacaacaaaa 120
 gcagtgaaaa atggcgagct cgggtggagaa ggagagtggc gcgagcgagg aaactttctc 180
 tttggagctg cctgctccac caggttggaa gaagcagttc atcccaaaga aagctggtac 240
 cccaaagaaa aatgagattg tggt 264

<210> 26678
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904416H1

<400> 26678
 gaaagagcca ggcaggaaat atggagctgg aggcccagaa ggagacctcc gacacagaga 60
 tgactgagaa tccagattcc aagtccaatg gcagaaggaa ccaaaggaag tagagccatg 120
 aatctcaaag ctaaaggtag caattcctgg ataagatata ctattggagg ggccattttt 180
 gcattctttt gagcttctga gtttggataa ctgccacgtt tgacatcaaa gacatgggaa 240
 caggaacgag ttactttggg 260

<210> 26679
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904366H1

<400> 26679

aaaaaaagaa aaaggaagga gataggaaag ggtaattga atccaaaaaa aagaagagaa 60
 aaacaaaatg ggcagggttt ggacttcgat gatagcattg ttgctttgcc tgatgacatc 120
 atcggttcgg ggcgaggacc cttacattta ctacacatgg aacgtgacct acggcaccat 180
 tgccccattg ggtgtccccc aacagggtat cctcatcaat ggtcagtttc ccggccccga 240
 aatcaact 248

<210> 26680

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700904333H1

<400> 26680

gacaaaccct acctctctgg tcagagtctc cgccgttgcg ctctttcccc cgccgtctcc 60
 gtttcatttc gacgccgaat atcatgcgtc gcctcttcgg ctgtcgctca gaaagttggg 120
 ctgaaagatt ttcttcactt ggatgatttt gataaggata ctattttgaa gatgttggac 180
 cgggcccttg aggtcaaggc attgctgaag tcaggggaca ggtcatttcg gccttttgag 240
 gggaagacaa tggcaat 257

<210> 26681

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700904335H1

<400> 26681

caaaaccctg aagaaagaca cagccattgt ttgtttactt tccattgatt gagcgaaagc 60
 tttgtttttt ctgcgatcat ttccattgg gtggaagaaa gtctcaacct ttagtcgaaa 120
 gagcaaggat ctgagtgagt gagcgatcat gtgtggtggt gcgattatct ccgacttcat 180
 tccagcgggt cccgccggcg gggcgcacgc gtgaccgccg acatcctgtg gccgaatttg 240
 aggaagcgggt 250

<210> 26682
 <211> 94
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904336H1

<400> 26682

cttttttaaat gtactttctc ttctcttttt gttatgccaa aggacattgc tgcaccccaa 60

tacacactgc aaatcctgta cttgtatta cggt 94

<210> 26683
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904338H1

<400> 26683

aaaaaatgaa atgatttttag ctttcggaga agtccatttc atgtttttct tctcccagaa 60

atgcttctag aaaagtttgt ccaaacagcc taagaaattt tcatccttag aattgtgagt 120

tgtttgaatg atcctaata tagtataagca ttgtagctat gctatgtttt cttgcctgtg 180

tttcgtgatg gaaatgaaag gaacccgact cagatttggt gctttcatgc aatagtgaaa 240

cagcactggt g 251

<210> 26684
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904339H1

<400> 26684

aacacaacac agcataccgt gtttcatttt ctctcacaca caaacctcct tcgttttcat 60

ttactttctca ggaggtataa ctactatttt tcgctttttt tttaaaaaaa aaattgatta 120

aatcttttgc catgggaacc cagattttgc gacctcagga ctgcttggtga gaacgaatca 180

gggctcctcc ggctgacttt tcccggcgga ggagttccgg taattactgt aattattatt 240

actacaa 247

<210> 26685
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904340H1

<400> 26685

ctcgagccgc tcgagccgcc aaaataagtt gagtctgaga tgactagccc aatttttcaa 60
 gcgttctttt atttaaagtc catattatct ataagtgttt taaattgaaa ctttcacggt 120
 ctaatacata aaatttggtta cataatcatc tcagtttgat atggttgtag ctataacaga 180
 taaaaatgac ataaatgctt aactgtttga actgaactga gcgccccaaa ttgaagtctt 240
 gattagtgt 249

<210> 26686
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904341H1

<400> 26686

accggacaaa agctattagt tggggccaat ttcgcttccg cggggatagg aatccttaac 60
 gacactggca tccaatttgt ggggatctta agaatgttcg agcagtatgc gctgttcgag 120
 cagtaccagc aacgattaag tgcattagtg ggagcagcgc aggctcagcg aatcgtgaat 180
 cgggcactgt tcctcatgac acttggtggt aacgatttcg tgaacaacta ctttctcact 240
 cctgtgtctg c 251

<210> 26687
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904342H1

<400> 26687

tttccctttt cagctttcat tgggtgtggc tagctgtttt ctcaatggga gagccttcat 60
 cgctgcagag cgcacttttt cgctttgggg tgcccttggt gcttgttatc agcttctggt 120

atgctacttc tagtgctgtc agaataactc aagtttcagg gactgcagag ctgccataga 180
 catatctaga tgggcatgat gagtagccag tattcggatt atttcatcat aaagcagta 239

<210> 26688
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904346H1

<400> 26688

gactgctttt tgaatgctgt cacccttcat atgatatgtg atgtatggtt tatttcattc 60
 tggctatgtc ttgaaattaa aattctcatt gccatcacc aaatttgccc ttaatagaat 120
 tgccatattc tttttctatt tgttatctcg tgtttggatt gtttgcata taagaaagac 180
 atttgttatt tcctaaaatt atgaatagag aatgcgttcc ggttaaaaaa aaaaaaaaag 240
 ggcgggccgcc ga 252

<210> 26689
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904347H1

<400> 26689

gctcttcaaa tcaatctctt ctcagaaatg ggtgtggctc aaaacattcc cgatgcggag 60
 gagggaaacct tggagattgg aatggaatac agaactgtgt ctggagttgc tgggccattg 120
 gtcattcttg ataaagttaa gggacctaaag tttcaagaga ttgttaatat tcgcttgga 180
 gatggaacta ctcggcgtgg acaagtgcta taagttgatg gtgaaaaggc tgttgttcag 240
 gtctttgagg gta 253

<210> 26690
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904348H1

<400> 26690

gtagaatagt aatagtggta acaaaaggca acagagaaca gaagagaaag gaaaagagag 60
 ggtttggtga gttacccaag agaaaggatg aagagagagc gccagagctt ggttccaacg 120
 caggaacctc aagctgcggt tattcaagcg gaaaatcgaa tctttgggag gaagaaggag 180
 gcatggacga gcttcttgca gtggtgggtt acaaggtgag gtcacggac atggcggaag 240
 tggcgagaa gctgg 255

<210> 26691
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904349H1

<400> 26691
 agaaaagtta gggttcacia cttttccttt tccttttgct tgccaatctg aatcaaataa 60
 tcaatcatcc attcattatt catcatatcg tcggcgaaga aaatcacgct gaagagtctg 120
 gacggcgagg ctttcgaggt ggaggaggcg gtggcgctgg agtcgcagac gataaagcac 180
 atgatcgagg acgactgcgc cgacagcggc atccctctgc cgaacgtgac gagcaagatc 240
 ctggcgaa 248

<210> 26692
 <211> 165
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904350H1

<400> 26692
 gccaaaggttg tatgtgaaag actctgatgt gaggcatgag aatgagatca ttagcatttg 60
 ttgtgattct gctccttctt tcaccacca ttgtcaattc tctctccctc cctcatactc 120
 catctccatc tccatctcca tctccatctc ctcttccac atcat 165

<210> 26693
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904351H1

<400> 26693

cgacgtgctt ggactctttg aaggtggaat tcctctccct acagatgcac tcagtaaaat 60
tagcccccta ccagtgtctc aggaaatctt ccgcactgat ggtgaactag tcctcaagtt 120
tccaccacct catgtcatta aagttagtaa gtctgcatgg atgactgatg aagaatttgg 180
aagagagatg cttgctgggtg ttaatccatg cctaattgag tgccttcaag tgtactctcc 240
aaagagcaa 249

<210> 26694

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904352H1

<400> 26694

gtgagagcag aggaaagaaa gatgtttttt aacggatatg ggtatcaagg gacatcatca 60
tttgagcaga catttcgatg ttactctgct tcgtttattg aaaagcccgga aattgaaaat 120
ggtgataaaa ttataatgcc tccttcagtc cttgaccgtc tagcatttct acgtatggat 180
tatccaatga tgtttgaact cagaaatggg gcttctgaga gggtttctca ttgtgggggtt 240
ctggagtt 248

<210> 26695

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700904353H1

<400> 26695

gttaaattgc aagaagcagc ccctacggga ataaaaccga caaatcgta aacctcggag 60
ccagatattc agagcgggtc ccaccgatga tggatactgg cggaggaggc ggacatcgtc 120
accgacagcc accatgtcgc ggtggaagtt tgcggcgtgg cggcagttcc agcacctgct 180
ggataaatcg acgccgcacg tgggacgccg gtggctgggg ttcgcggcgg ttgccctttt 240
gtacgcg 247

<210> 26696
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904354H1

<400> 26696

caagaacaag agatttaaaa aaagagaaaa taaacaagaa aacaagagag agaatagata 60
 gaggatgatg gtgagcacat cctctgtttc cattcccagt ttttgccctt cctcttctc 120
 ccattgaagc atttttcaca agcccgtgat ttttccgcca tctccatcat cgaatgattt 180
 tctgggtcgg gttttgattg atgctcggaa gatccgatgc tgctagatcg aatttgacaa 240
 aaccactt 249

<210> 26697
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904356H1

<400> 26697

tggatgtgtt gaaggtgcat tgggaatacg tgagtggctg gaatcacagg gtcacagta 60
 cattgtcact gatgacaaag aaggacctga ttctgaactt gagatacaca ttccagatgc 120
 acatgtcatc atatctactc cattccaccc cgcctatgtc accgcagtaa gaattaagaa 180
 agccaaaaat ttggagctgc ttttgactgc tggcattggg tctgatcatg ttgatctcaa 240
 agctgcagct 250

<210> 26698
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904358H1

<400> 26698

gtcttcctca taagatgctt gtcaagttgg ttgattgctt gccaatggg tgaaatgtgg 60
 tcaggaaact cttcaacaaa taggaagtct tcctgctccg cctttggaat tgatgcaagt 120
 caaccttgat gagaaggaaa ggtttagggg tctgagggtc cagaagagtc ttaacaccat 180

aagacctagc tcagaggaag tgaggactta ttttaggaag gaggagggtc tcaggtactc 240

<210> 26699
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904359H1

<400> 26699

aaaacgcaaa gatgcaagtt ccattgatcg acatcgaccg aatcaacgat cccaagtgg 60
 gtctgaactc tctgcagaac ccattccttc caatcccttc tcagatcaca acctccctcg 120
 cttacaattt ctgcaaattg ggcgcaactca ttctcgccct tgcgccacc ttgggcagca 180
 tcatcaacag agtcactatc ttcatcatcc gcttcgcgcg caaagcccct tctctcccat 240
 ccctaaccct aa 252

<210> 26700
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904360H1

<400> 26700

gaaaacacag ggaaagaaag agttgagtga tggcggcttg tctgcaactg tggcaatgca 60
 aactagcgag accctttgac tcattaccgg tgcggaaggc aattcctttg agtctgaggt 120
 gttcggccgc gccctcttct tccaagccga cgcgctccta cagcatcact ctcatccccg 180
 gcgacggcat cggccccgaa atcatctcgg tggccaaaga cgttcttgtc ctgcgcgggt 240
 atctcgaa 248

<210> 26701
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904361H1

<400> 26701

cctaaaataa tgattcttaa gagcggattc atcttcggtc attttatttt gtataataaa 60

agaaagataa taaagagaat aatcatatta aatattaaat' agaaaaaatg gcccgatcat 120
 ttatcaaagg ccaatcttcg gtagaagaga aggttccttt ggaacactta tttctatttc 180
 agtataccgg gtctctttct ttcatttcaa aaaatttata gaatttcgat tttgaaatga 240
 aagacaagtg tgg 253

<210> 26702
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904362H1

<400> 26702
 gtaagatcaa gtcattggga gtcaaatggg ttatctctgg agaaggatct gatgaaatct 60
 ttggagggta tctatatttc cacaaggcac ccaacaaaga agagtttcac caagaaacat 120
 gccgcaagat taaagcactc cacaatatg attgcttgcg agccaataaa tcgacctttg 180
 cctgggggtct agaagccaga gtaccatttt tggacaaaga gtttatcaga gttgcaatga 240
 acattgat 248

<210> 26703
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904363H1

<400> 26703
 gagaaagtgg agcgagaaaa atactgaaac cctccctcgc cattcttggt ctgctccgtc 60
 cctctcgatc tgcgtcaggg attctctggc aggtattggt gatctgttcg gttctagatc 120
 ttttcgtgcg gcttttggtg acggcaccgt catgtcttcc ctgagcagag agcttgtttt 180
 tctcatactt cagtttctcg atgaagagaa atttaaggag actgttcaca agttggagca 240
 agaatcggga ttt 253

<210> 26704
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904364H1

<400> 26704

ctctgcctta ctcactctct actttgtca tcatcgtaga tgaaccaaca cttctagtct 60
 ctcttacttt ataaccatgt aaaaatgagt cacctaataa aaaattagta gcttcttggt 120
 gtgcttttta ttttgtttgt gttgagataa atttgtttgt ttgtttggta ttgttttggt 180
 ttttatgaat tatttgatgg gtgaagaagg agaagtgggt agaaagcaag gacaaagggg 240
 tggttggtgga gat 253

<210> 26705

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700904332H1

<400> 26705

gcagtgtgc agggactgtc actgaactca aaaaatgaact gtcttcggaa tctttctcga 60
 ttctctgttt tgcccttcga aacacctgtt acgcgccacc gcaagaacct tcccctttcc 120
 ctgggtttcg tcaacaattc tcgtcaatat ccaactatgg ccctcaaggc tgccctcagg 180
 tctataccaa gtgcagacac aagtagtgcc gataaggagg aagaaaagtc tgagacatat 240
 agtcataaca tgacagaag 259

<210> 26706

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700904303H1

<400> 26706

atthttgtgtc gtcagcttct atthttacggg cagaaacatt tggtatccca atccctgact 60
 ggggtgacaga tgagaaggcc accagtctct ctacagcttc tatagatgat gcagcgggta 120
 ttaatgatct agtaatcaag ttagagaggt gccgggcaaa tcttccacca gtgttcatga 180
 tgaaaccaat tcaatttgag aaggatgatg acacaaacta ccatatggat gtgattgctg 240
 ggcttgccaa catgagg 257

<210> 26707
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904305H1

<400> 26707

gttttgttta tttgaaatta acaagtagca aagatgtttg gaatcatcgg aggaaacaag 60
 ggtcacaaga taaaggggaa cttggtgatt atgcgaaaga atgtgttgga tatcaacagc 120
 attaccagtg ttaaggggtg catcggaacc ggcattaaca tcattggacg agtcgtcgac 180
 accgttactg ctttggcgtc ccacatctcc atccagctca ttagtgccac caaggctgat 240
 ggacatggga aaggaa 256

<210> 26708
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904306H1

<400> 26708

gccgaagacg tgcacccgga gagttggaga gtgttcaact ctttcgggaa gcgttacatt 60
 gtcacggcta gtcctagggt gatggtggag ccgtttgtta aggcgtttct cggggctgac 120
 aaggtgcttg ggactgaact tgaggccacc aaatcgggga cgttcactgg gtttgttaag 180
 aagcctggtg tgcttggtgg ggagcataag aaagtggctc tggatgaagga gtttcagggt 240
 aatttacctg acttgg 256

<210> 26709
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904308H1

<400> 26709

tttttcctga actttctttt tgctgcaatg cttacatggt cattgcctct tcgtatacca 60
 gcataactcaa tgctgggatt gtctttactc tattacattt tagcgtaaat tgttgcaatg 120

tctggatata gtgttgcatt ggggtggttca gctaaaatgt caggcctatt gtttgtgttt 180
 ggagaggcca caagcttaat gctacttctt agcatcataa tcatagttgt gctctatgct 240
 gcatggtgct 250

<210> 26710
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904309H1
 <400> 26710

ggtgatttgt tcactttgtg ggactgaaca agaggtgagt ttataatttc ttcaatgtct 60
 ttctgtgtgg tttgtatagt ggtatacgaa ttataaagga ggatcttgat ctttaagctt 120
 ttgaaggaaa atctttaata ttgtcaaata aaaaagagaa tcacactgca tgtgaatgca 180
 tgtgtgcatt cacaggcata aaggagaaaa attggtgcat ttgataaggg aaatataaag 240
 tttattactt ctgaagg 257

<210> 26711
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904310H1
 <400> 26711

aaacgaagtg ctcaatttga gcagactctt ttggtgacag agactggtgt tgaagtttta 60
 acagggaggt tgcagacatc acccaatggt tttccttggt taaattcata attgggtgaa 120
 tcatggagac agaagctggt agtgtctgaa taccatacaa ttaatagaca acatttcttt 180
 gatctacatc tctggttttc tcttttgggt atcatgtttg taagttatac aaaaaaacag 240
 aagcaaaatt caattgagtt t 261

<210> 26712
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904311H1

<400> 26712

ctttcaaggga atcgtctctc ctcttctctt cggtttccagg aaccaacaag aacaagaaca 60
 aggttccaga agacaaatgg tatttagcct acattgtgta tttaccctg ggtctcgggt 120
 accttctccc atggaacgct ttcattcaccg ccgttgatta cttctctctt ctctaccctg 180
 acgccagcgt tgaccgcac ttcgccgtgg ttacatgat agtcgggctg gtggggatct 240
 ccttcataat cctctacagc c 261

<210> 26713

<211> 261

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904312H1

<400> 26713

tctcaccacc accttccact tccactctct tccccataca tencatttcc atggcttctc 60
 ccctcggcga caacttcaac cttctctcgc ctcaacagca agagctgggtg aagatgctat 120
 tggataacgg ccaagagcac ctgtttcgcg attggcctgc tcccggcggt gacgacgacc 180
 acaaaaatgc gttcttcgac cagctgactc gactagattc gagttaccct ggcggtctgg 240
 aagcatacat cacaaatgct a 261

<210> 26714

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700904313H1

<400> 26714

gtttgttctg tgaagaactg agggagggtc aggtccatga tattttgaaa tctctctgta 60
 gtaggaagac catgggacga gttcatcat tacttataat ttttttggtg tccggttctt 120
 cctttgccac ctataatgtg gtaacgatga taaggcacta cggatcttca gaagggtgtg 180
 ctgttaatga tgggtgcattg ttttttgacc ctattactga gatgcctgat catgtaaaga 240
 atcggaagac atctaaagt 259

<210> 26715
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904314H1

<400> 26715

ggtgcacgtt ggaatttctc accttgcac taccttcttc tggctcatgg tattcaagct 60
 cctatcagat atgcagaaga ggtatattct ctgatttttc ttcaattttg gctctgtcga 120
 atggacgctt gtgatgcttg aaattcaata gatattggacc tggatgatgca ggattttggt 180
 agtgactgca tggatgattct gcattttata ctctacgctt gctgatttgt ttggtcacat 240
 gagttgttca ctcatgattgc tgcattctgtg taaa 274

<210> 26716
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904315H1

<400> 26716

aataatagtt acactaacac acagtagtga acaacaactc caacaacaac aatcaacaac 60
 aacaacaacg ttgtagtgtg ttgttttgtt ttttagtgca gtttattttt ttggcatcaa 120
 agtggttgaa tccatggatt ctgattatgg tattcccagg gaactctcag atcttcaaaa 180
 gattcggctt ttgtaccagc cagagctccc tccttgtctc cagggaacca ctgtgagggt 240
 tgaatttggg gacgcaacca c 261

<210> 26717
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904316H1

<400> 26717

ggatgggtctt gatgaattca agcgatttgt tgtttatggt cttgataaag tatgtgcaag 60
 tatgccacct gggcaagaaa agtttgtcgg tatagcagaa cttaagggat ggggatactc 120

aaacagtgc gtgcgtggat atcttagtgc tctatccatt ttgcaggatt actaccaga 180
 gagattgggg aagttgttta ttgtgaacgc accatacatc tttatgaaag tgtggcaaat 240
 tgtttaccca ttcattgaca aca 263

<210> 26718
 <211> 270
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700904317H1
 <400> 26718

tacttcagct cgagattaga tttcatctcc cgggggtttt tgaactgtgc ccatgtctaa 60
 agtcttcagc tttaccggaa atgatgattt ttatcatggg ggtcctattt atcctaacc 120
 gaaggaaccg tgtctcttct tgtctcttgg ccgtcaagtt gatgtttacc ttctcttca 180
 gaagaggtct cgcttcagtg ttcccattga tatcagtggt gaatggntg agcagaagcc 240
 taagacatct attgaatctt tgccagatga 270

<210> 26719
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904318H1
 <400> 26719

gacaattcaa cttaagagat caatatggcc accaccacta ccagcctcc ctctaataac 60
 tgttttttcc ttctgttggt gtttctagca cactttcatt tgggcataag ccaacttgag 120
 ctgaattact actctaaaag ctgccccaaa gctgaagaga tcatacagga acaagtcaca 180
 caactatata acaagcatgg aaacactgcc gtttcgtggg tcagaaatct cttccacgat 240
 tgcgtgggta agtca 255

<210> 26720
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904319H1

002220.032200

<400> 26720

gcgccgccct cgccgcctcc ctccccgcca tcctgcctc cgttgattac cgcctctgcc 60
cccaacagcg cctccacgcc gcctaccacg acgccctcga agccctccat tgggcccagg 120
cccaggccca agcccaagcc caatcagacc cgtggctccg cgactatgta gactttctcaa 180
aaaccttctt catgggaagc agcgccgggg gaaacatcgc cttcttcaca gccctaaatt 240
ctctctccct ctcactc 257

<210> 26721

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700904322H1

<400> 26721

ctcgggcaag ataataatgt tgagagggtt gaagttgaga aggagcaggg tggagaggag 60
cagatgatgg atgtgggttt tgagcagtct aaggaggagg atatgcctgg aatgtggctt 120
ttggatcaga agaactgtgt gggggagcca tttttgcggc cttgtcatgg tggatgatgtg 180
aaggggtgtgg agtttgaaca agtgagagag gacgatggag aagatgtgca ggaacaagag 240
gaggtggagg agga 254

<210> 26722

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700904323H1

<400> 26722

aaggaatcaa accttaataa aaagtcctcc aaaatggctc caacaagaaa ccaccttctt 60
cacattgcca tgttcccatg gtttgaaca ggtcacatga ctccattcct ccacctttca 120
aacgacgtta gccaaaagg gtcacaaaat cacgttcttg ctacctaaaa aagccaaact 180
acaactccaa cacctcaaca accatcctca cctcatcaca ttccataccc tcacaattcc 240
tcatgtaaaa ggccttc 257

<210> 26723
 <211> 108
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904324H1

<400> 26723

gcaaaaacca tcgatgatgt ttctctgagt ctgaggattc acgcgttact gttactgtta 60
 ctcaactctt attcccttcc ttgattccaa ttctccacac aacatacg 108

<210> 26724
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904326H1

<400> 26724

cttcaacacc tgaaatggca tgaaattaaa tacattcatg ccatatcagg tgttgaagtt 60
 gaagtgggga ttttgaatgg tggcaatcgc agcacagctt cctctgtctc aattgagtcg 120
 gatctcagta taggatcttg agtcatttgc tccagcaact ggtagagtct ttgcagccac 180
 agcggcaaag ggtgctggtg gaagcaaaga agagaagggt cttcttgatt ggatccttgg 240
 agggttgcag aaggaag 257

<210> 26725
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904327H1

<400> 26725

caggcctgca atatcttggc cctgacttgg atgctatgaa agctgttgct gatgcacatt 60
 ctaagcggtc ccttaatttg ttgaaattg ctttgaggga ctacaaggca cagttggagg 120
 aagacccaat tgtacacagg cacctttcat ccttgtagca tacccttatg gagcagaatc 180
 tctgcagggt gatcgagcct ttctcaaggg ttgagattgc acatattgct gaacttattg 240
 aacttccac ggatc 255

<210> 26726
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904328H1

<400> 26726

atTTtgaaag tgaaataatg cgtgacttac actaatatTT tcataaaactg tgcacaaaact 60
 tttgatgtag acttgaattc ttttatgtca aactcgtatg caatttcac accactatta 120
 tgaaggaaag gttgcacaag tattataatt tttgtgttat tggttgagct agctaaatga 180
 atctggattt tattgtttct tctaaacag attctctctt tatgttctt tattagaagg 240
 cattcatttt gttcag 256

<210> 26727
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904329H1

<400> 26727

cataaacatc tataagttaa taattcgggt gtgtaataaa ttaaaaaata catatgcttg 60
 tgacaaaaag gagatgtcac agaattatg tgaattcggg tttctagtat gaaaatattt 120
 gtgtaaaatt gaaataaagc gaattatact ttgatttggt ttataaattc tttctgcatt 180
 tgcttcatta tcgtaaatgc agttagaatt tataaaacaa ataaagcgaa ttatactttg 240
 atttgtttta taaattc 257

<210> 26728
 <211> 199
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904330H1

<400> 26728

caacaagcaa agtacatggt tgatttgga atccaggtcc ccagcgcatt cgaccggtt 60
 gccgaggcga gagaatcaga tgccccggg gcaaaggagt atgtgcacat acgaattcag 120
 cagaggaatg gaaagaagag tctgacaaca gtgcaaggc tgaagaagga gttcagctac 180

gagaagatcc tcaaggacc

199

<210> 26729
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904331H1

<400> 26729

caccgacacc ggacacgaca cgaagacgta aacacctggc caaatataga atgcagtatg 60
aattagcgaa ctactgtgat caagatataa atcacaccta ccagtgattt gtttttgtca 120
ctagtctctt ccatggaagt tgaaactcac tccctctccc ccacctttga attaataccac 180
cttctctccc aatccaccac cgacaccta ttccctccca ataatgccgc caaccaacct 240
tctctcggcc acgccaccg 259

<210> 26730
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700904302H1

<400> 26730

ccttcagtcc caaacaccct ccttacgatg agatgatata cacagcaatc ggagctctga 60
aggagagggga tggttcgagc aagcgagcca taggaaagta catagaacaa gtctacaagg 120
accttccacc cactcaccct gccttggtga ctcaccatct caaccgattg aaatcctctg 180
ccctcctcgt cctcgtcaag aaatcctaca agcttctggt atctcatcat ctgcctgcgc 240
tccagcccca aaagaccgt ggt 263

<210> 26731
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700904266H1

<400> 26731

atgtgagaaa atatatctgt tacaagttgt atcaaggaga agcatagaca tgaagaagcg 60

aggatcaggc aggcgtttcc tgatgtgggt tatggtgatt tggctccacg cacatctcag 120
 cattgcagct gaactgtcca agtccaatga cacggacact gcttctgaga gttctgtgtg 180
 cgatggctcc gtagaagact gcctcaacaa cgtccaccgc ttggactcag agcttcttcc 240
 caccatctcc agtcccact tccgcag 267

<210> 26732
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904267H1

<400> 26732

gccgtgccta cgtcaccttc ctcgccggaa acggtgacta tgtgaaaggt gtcgttggt 60
 tggccaaagg tctgaggaag gtgaaaagca tgtaccctct ggtggttgca gtgttaccg 120
 atgttccaga acatcaccga aacattctca cctcccaagg tggcattgtt agagaaattg 180
 aaccctgtga cctcctgag aatcagacgc agttcgccat ggcatattac gtcatcaact 240
 attccaagct acgtatttgg gagttt 266

<210> 26733
 <211> 107
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904268H1

<400> 26733

cattcttatt tttatctct cttcacttgc acgctctgtc tctctgtcag ccatcatcat 60
 gggagcagtg attctcccag atctcggcac cgagattttg attccgg 107

<210> 26734
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904270H1

<400> 26734

ctttcttctt ttgtaataga aagcacgcgt ttctctctct cctctctca acgaatattt 60

gtgtacttcc tcttttgtgg gtagattcaa tttaccatgt cgagttcatc ggaataactct 120
 caattttccg gccagaaacc ggcgaggtcg ccggagaaat cgagcttctc tcagacttgt 180
 agcctgttga gtcaatacat caaggagaag ggtagcttcg gagatcttac cctcggaatg 240
 acatcatgtg ggtcacctga gac 263

<210> 26735
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904271H1

<400> 26735

ggcctgcaac cctcgaaacg tgaatagccg tggcggccac ctatttctct gtttaacgtc 60
 ttcactcatt ctacattttc gcctcaaact acttcttcca ccgatcactg ttcagcagag 120
 aagtgttgcc ttggactctt gaggtgcaat gagattggag aagtgttggt tctgttcttc 180
 taccatatac cctggacatg gaatccagtt tgttcgtaat gatgcaaaga tttttcggtt 240
 ttgtagatct aaatgccaca aaaac 265

<210> 26736
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904272H1

<400> 26736

taagatttga gtttgggcat gtgtgagctg tggctttgca gggaagaaga gtgtcagtag 60
 aaaataaatg tcttcttccc agggacactc tctatttcac agatctatat ctaagtgtcg 120
 gtgatccctt ttctcttcc ttctctgaga gacaatgaca atgacgtggg cgcgattcga 180
 ttctgtgaag cagcaatact acaccacaag cggcgtggtg gtaggttacg cagtatgctc 240
 cagcctcctg gccatcatca a 261

<210> 26737
 <211> 258
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904274H1

<400> 26737

```
caacaacact ctctcttctc gctcttggct ttctgctctt cactcactct cattcattca 60
tttccaccgt tcatggatcc agtaagcgtg tggggtaaca cgcccttggc gacggtggat 120
cccagatcc atgacctcat cgagaaggag aagcgccgtc aatgccgcgg aatcgagctc 180
atcgctccg agaacattca cctcctcgcc gntcatgagg cccacggcag cgcatatacg 240
aacaaactcg tcgagggc 258
```

<210> 26738

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700904275H1

<400> 26738

```
tgaacattcc cattacctac catataccat caaccaatat cttctttgtc gcttttatta 60
tctgtttttc cggcgatgga ttccggcgcg tggctcctgt tcctgggtgt cgtaggtgtc 120
tcaacgtccg gccacattca ctctgaagcg atcctgagac tcccgtccga gacgaggag 180
atctcgcgcg actactgcga cagctggatg ctggcggtgg agacgaacaa cgccgggacg 240
tggaaccgcg tgccggcgag tt 262
```

<210> 26739

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700904276H1

<400> 26739

```
cttaaaaatg ctctattttt gttgttggat gaagctagtt catcacttga atctgagtca 60
agccgagtgg tgcaagaggc tctagacacc ctaataatgg gaaacaaaac cagcatttta 120
atagcacaca gggctgcgat gatgaggcat gtggataaca tagtagttct aaacggagga 180
aggatagtgg aggaggggac ccaggattca ttagtggcaa aaaatgggtct gtatgtccga 240
```

002250-ETFE560

ttgatgcaac ctc

253

<210> 26740
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904277H1

<400> 26740

ctcttggcat cttgtgttgt gtcctctttt taagctattt ccttctctta acacaattgg 60
ttgtgccaat tgccatagtc accaaccaat taacaaaggt atatatatca tcatatcatc 120
accaaagtaa aaatattggg ttgttttttc ttgtggtggt ggctactttt gtggtggcag 180
gcacagctgg tagctttttac caagactttg aaataacgtg ggggtggtgag cgtgccaaaa 240
tctatgagaa tggaaacct 259

<210> 26741
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700904278H1

<400> 26741

tggattttca gcggcgaggg cattggatgt gctgaatttc actccactca acaacagacc 60
tattaggatc atgtattctc atcgggatcc tagtcttagg aagagtggta ctgcgaatat 120
ttttatcaag aatttggata aggctattga ccacaaggcc ttacatgata cttttttcttc 180
ttttggactc attctttctt gcaaaatagc aactgatgct tctggcctgt ctaagggcta 240
tggttttggt caattcgaca gtgaag 266

<210> 26742
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700904280H1

<400> 26742

aaaaagaaag aaaaagcaat accattacca atagcatccc caggttttct ggaccacttt 60

gctgctgaat atagatgtcg gctactatac tgtgaatcaa acttcagtgt gatcgataat 120
 ggctttccaa agggaaacta caaccatgat tggagtttgg cttgtggtgt tgatggttct 180
 ctccaaaggg ttatcttcaa caggggttgt accagataat ttactatac cttcttttgt 240
 aaatattggg gttctctat 259

<210> 26743
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904281H1
 <400> 26743

tacagaagct gggattatct gaacattctt ctactattct tgttggatgc attttttcag 60
 aaggacgaga ccttgacaga aaaaggggtga aggaagttat cttgaatgct aagcagtatg 120
 atgtccagtt tatatttatg gggaccagtg aaagattgat catgaatcag gcgcctgaat 180
 cacttcagac ggaattcaag gatgataatc ttaaatttgt gcctacttat gatgaagctc 240
 tgttgcattt agtcttttgc ggat 264

<210> 26744
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904282H1
 <400> 26744

accagattaa aaatgatctt ggcattgtcca actatcccat ggtcccagga catgaagtgg 60
 ttggtgaggt actggaggtg ggatcaaacy ttagcaggtt cagagtggga gagttggtgg 120
 gagttggact cctcgtaggt tgctgcaaaa actgccagcc atgccaacaa gacattgaga 180
 attactgcag caagaagatc tgggtcttaca atgatgtgta tgcgatgga aaaccacac 240
 aggggtggctt tgctgaaacc atg 263

<210> 26745
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904283H1

<400> 26745

catatactca taaatcacat agctagttgt ttaaagtaag agagaagaaa gaagcaaattg 60
gcaaactttc cagttgttga catggggaag cttaacaccg aagagagacc tgcagccatg 120
gagattataa aagatgcctg tgagaactgg ggtttctttg agttggtgaa ccatgggata 180
tccattgagc ttatggacac agtggagaag ctcacaaaag agcattacaa gaagactatg 240
gagcaaaggt tcaaagaaa 259

<210> 26746

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700904284H1

<400> 26746

ctcatctttc aatttcaatc aacgggtata cccttttcta tttgagcatc atcatgtcca 60
ccgcagcgca cccaaggcca agaaaacggc gtcgtccaag aagcccctct cccatcctac 120
cttcgccgcy gtacttcta attactctct ttcgattcaa tttcgaaatc aattgtgttt 180
aattagtttc attgttttgt agatgatagc ggaggcgata gccagtctga aggagagaac 240
cggttcgagc caatacgca t 261

<210> 26747

<211> 206

<212> DNA

<213> Glycine max

<223> Clone ID: 700904285H1

<400> 26747

caaaggtgga gtgaacgtaa acacaggacc aaagaagggt aagccagtgc acgttggagt 60
gggcccacat tctccatttg attacaatta cgcagccagc gaaaccctgt ggcacgatga 120
ccccaacgtg gcactcttct tcttgaaaaa ggacttgac tacggaacaa agttgaacct 180
tcaactgtcac tcgtacttc acctaa 206

<210> 26748

<211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904286H1

<400> 26748

atccccaga ggatgaagaa ctatactatc tatgctgtgt caatcaccat tcgtattgtg 60
 ttgggtttct tgtttattgc gttgatctgg aagtttgatt ttgcaccctt catgggtttg 120
 attattgccca tactcaatga tgggtaccatt atgactatat ccaaggatag agtgaaacca 180
 tcaccacttc ctgatagctg gaaactgagg gagatatttg ctactggcgt tgtgctagga 240
 agttacatgg cactaatga 259

<210> 26749
 <211> 113
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904288H1

<400> 26749

aatgggggtct ctaatggcct atgctacact tactctttta ttggcaataa tagtctctct 60
 aagcttgcca tctcaaacct cagctgatga caagtacgac tattcatctc ctc 113

<210> 26750
 <211> 202
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904290H1

<400> 26750

aacgctgact ctggggtttg tactactctt taccacaacgc tctttcctct gtatcgaaca 60
 cttatccttt aacactttct ctctcttggt ggattcgctg ttctttcgcg gagatctgtg 120
 tgcttttcga ctctgttcct cttctgggtc tcgttactct ttcagattgg tgctaaattt 180
 ggcagagata agccacgtgt at 202

<210> 26751
 <211> 69
 <212> DNA

<213> Glycine max

<223> Clone ID: 700904291H1

<400> 26751

cctggtcact actcacaat gtgaattgtc cccagtctct cgagaactta gaatagaata 60
ctcgtccca 69

<210> 26752

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700904292H1

<400> 26752

gttgaaacat gatcagctca agatggagct cacagaggga catgtattcc aaggttggca 60
tgaaggagct atagagtttc cacctacata caaataccgt ctgacttctg tagactacct 120
aggctgtgat cagcagcatg tgagcagaaa gcggcgctcc ccagcatggt gcgatagaat 180
aatatggttt gggaaggga tgaagcaa ccaatacaac aggagcgagt caaaactttc 240
tgatcatagg cctgtacgag 260

<210> 26753

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700904293H1

<400> 26753

ccgcggcttc aacctttag ttattctctt tcttcttttt tagctatccc tctcttgaaa 60
aatctagatc tcgttcttcc ttgatctacg ttacgctttt agtgaccgga tctgtatgga 120
tctgaaccag atctacacgc cgatggtggt tttggcctgg tctttcatag atctgatgca 180
tggaggctca gatctactgt acagaggtgt acgattcata tactgtagat aatcgatgag 240
aagaatgcag atccagccg 259

<210> 26754

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700904294H1

<400> 26754

```
ggcgtcttca taaacgcctt tcttctccgt ttccgtttcc tcgttcgaat tcgctttttg 60
atctgcgaaa atgagagagt gcatctcgat ccacattggt caggctgcta tccaggtcgg 120
aaatgcttgc tgggagctct actgcctcga gcacggcatc gggcccgatg ggcaaagcc 180
aagtgacaag acagttagcg gtggtgatga tgcttgcaat actttctgca gcgagactgg 240
tgctggaaag cacgtgccac g 261
```

<210> 26755

<211> 260

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904295H1

<400> 26755

```
aattaagata tncggttgct ttgcatcaag cttttgagcc ggatctttgc caagatcgtg 60
ttgcggattg tcatgantgc tgcgtatgct actgataagg cgactatctt atacatgctc 120
gaggtttag acattgatgt gatcagtcgt cttaatgaat tcaactgcgat gagtaganta 180
gatcccagaa tctatggtgc tcaaagagt accataagac tagaacaatt ggagattaac 240
atgggagggg tcacagtaga 260
```

<210> 26756

<211> 136

<212> DNA

<213> Glycine max

<223> Clone ID: 700904301H1

<400> 26756

```
gcaaagcaca agatgttggt gaatactctg ttactattat gggtaaggc caagttagac 60
cagtccattc tggaggttct ccaaccagac tagtcctctc caacttggtt tctttttata 120
caaccttccc actctc 136
```

<210> 26757
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904265H1

<400> 26757

atttgatcca gattttatca acattaggac aaaggctcgt gaagttctgc aaaggaaga 60
 tgacctgaat gaaattgttc agcttgtggg caaggatgct ttagctgaag gagataagat 120
 caccttagaa actgcaaagc ttttgagaga ggattatctt gctcaaaatg cctttacacc 180
 atatgacaaa ttctgcccct tctacaagtc tgtttggatg atgcgcaaca ttatccattt 240
 ctacaatttg gcaaatacagg cagtagagag 270

<210> 26758
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904232H1

<400> 26758

cgctcgagca ggacagcttt atatggttat gaacctcctc ttaaacccaa gcataaaaag 60
 cctgggttgt tatcatcact ctgtggtgga actcggaaga agagttcaaa atctagtaag 120
 aaaggatcag acaagaaaaa atctagcaag catgttgacc caactgtgcc cattttcaat 180
 ttagaggata tagaagaagg agtagaaggt actggatttg atgatgagaa atcactactt 240
 atgtcacaaa tgagtcttga gaaaagggt 269

<210> 26759
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904233H1

<400> 26759

gtcaaggcat gcttctgatg aggtctacct tggacagagg gacaatccaa attggactga 60
 tgacacaaag gcaattcaag cctttaagaa gtttggaaac aagctgaagg aaattgagga 120
 caaaatctca gggaggaaca agaattcaag ccttaggaac cgtaatggac cggcgcagat 180

gccctacact gtgcttcttc ctaccagtgg agaaggcctt actttcagag gaattcccaa 240
cagcatctct atctaagtag agtgtgtggt gtgtg 275

<210> 26760
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700904235H1

<400> 26760

ctttgttatc aaagacttaa atcaacacgt tggacgagtt tttagctgtc tgtagctgtc 60
ggaagtttga aacatacata ttcttcttaa ttttgggtca gtagtatgtg gaagttgaag 120
atagcagaag gaggagatgg gttaatctct gtgaacaatt tcattggacg tcaacactgg 180
gagtttgatc ctaatgctgg aactccacaa gaacgtgctc aagttgaaag ggtacgagag 240
gaatacaaaa agaaccggtt ttgcattaa 269

<210> 26761
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700904237H1

<400> 26761

ttctagatcg cgagcggccg acctttttca ttttttaatt ttgtttatat atatatatgg 60
gtgtgttcaa tttttgcat ccctccctag ttgaatgaag ctgcatggg aaactcgcat 120
gctaaaaagc gtgacactca attttccaga aacgttgta aaggagagt tccctctcca 180
aaagacaaaa cttatcatc attacagtca ccatcatcac catcacaatc accatcaccg 240
tcgctagaac caccgcgaga accaccacca 270

<210> 26762
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700904239H1

<400> 26762

aaagaagttc taaggaagag ggaatatgca gaatacaagg tgctagttgt ctatttgcaa 60
 taacaacatc agcgatccaa ccttagtatt cttcaaccca gagagatttg taataataaa 120
 ttacaacaac ttaaacgatg gcaggaggag cttatgtaga ttcgggaaat gcaaagcaat 180
 ttgatgggaa ggtcacggca ttcgtattgg ttacatgctt tgtggcagcc atgggaggct 240
 tactcttcgg ttatgatctt ggaat 265

<210> 26763
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904241H1

<400> 26763

ctcactagga gtcctctcc actgggttett catctgcatg cacacagttg catagttttg 60
 gaaaccaaga attcctgaag aagggtagca tcaacaagca gttctgaaaa tggagatcac 120
 caatgtcagt gagtatgagg ctattgcaaa gcagaagttg ccaaagatgg cgtttgacta 180
 ctacgcctct ggtgcagagg accagtggac tctgcaagag aacagaaatg ctttttccag 240
 aattttgttc ggccacgtat tcttatt 267

<210> 26764
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904242H1

<400> 26764

gcagttgaaa gaactattca atgtcaatca ttttatagtt agtcaggcca accctcatat 60
 tgcaccacta ttgagattga aagaatttgt gcggacttat gggggcaact ttgctgccaa 120
 gcttgctcat cttgtggaga tggaggtgaa acataggtgt catcaaatac tggaacttgg 180
 ttttccatta ggtggacttg ctaaattgtt tgctcaagac tgggaaggtg atgtgactgt 240
 cgttatcccc caactcttgc t 261

<210> 26765
 <211> 267

<212> DNA
 <213> Glycine max

<223> Clone ID: 700904243H1

<400> 26765

gaacacttca gaccagtccc acatacaacc atcccaagct gaagttctgg ttttaaattct 60
 tcaaactaag aagtactcct ttccagagta catggagaaa atgagcgaac taaaagttct 120
 tatcatgaca aattatgggt ttcatccctg tgaacttgaa aattgcaaac taccagctc 180
 tgtatcaaac ctgaaaagaa tcagactaga gcggatttct gttccccacg taggggcatt 240
 gaaaaatctt gaaaagttat ccctcta 267

<210> 26766
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904244H1

<400> 26766

atcaaacaat aataaccggt ttttctcact tttctttttc ttttgggctt tcagtttcac 60
 ataacaaacc gtttctcaga acatcccata aaagcttagc ttgtattcag tttctcttct 120
 cccaacgttt ttgtcgctag taacagaata ttacaaagta acggctttct cagtggagcg 180
 cttgatttgg gttgggtgggt caacttcaag tttcaatttt tttttcattt ttgtctggtc 240
 gattgagaag gctcagttgc agagacgg 268

<210> 26767
 <211> 267
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904245H1

<400> 26767

gcagaaagca agctcatcct agagttttta aaatggcagc agcctcctcc atggctctct 60
 cttccccatc cttggctggc aaggccgtga agctgggccc atcagcccc gaagtcggga 120
 gggtcagcat gaggaagacc gtcaccaagc aggcctcctc cggaagccca tggtagggcc 180

cagaccgcgt caagtacttg ggcccattct ctggcgagcc cccgtcctac ctactggcg 240
 agtatccagg ntgactacgg ctggaca 267

<210> 26768
 <211> 217
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904246H1

<400> 26768

gtgccctgca cgtgctcgac tacgccacca ctacatccga cgacgacacg gaaaaggagg 60
 aggaggagct ggtacacgag caaaacgaat cctccggcgg agggcggtgg tagtggcggc 120
 gtgcgggtggc ggcacgcggc ggacggggga gcgcgttagg cgatcttgac caaggcgaat 180
 gggtcagaat gaacagtgtc tctatgtcgc gcgggtg 217

<210> 26769
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904247H1

<400> 26769

attgaggaga aagaagaaga aggatgtggc acgaggcgag gaggtcggag aagaagggtcc 60
 acgacatgat ggacgcggct cggaagagag cgcaacgacg cgccgtttac ctagccaaga 120
 ggcgcggcga tcttcagcaa tctattcagc tcgtcggctt tcgaagccga acctatcgcg 180
 acgacgtct ctaccaagcc acgcaggatc agcagggcct gataccttgg aatgggaaac 240
 aagatgtatt gattgacaga tttgatgggc g 271

<210> 26770
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904248H1

<400> 26770

gctagccttc agaggacaca atgttttgcc cgaaatacag gggacgctgc cttcaaattt 60

cgaacaaaca tccaaaagac caatgcgaag aggagttagc atatcatatg tactcatttc 120
catgtgcatg tttccctcgc caattgccgg attttgggcc tatggaaacc agataaatga 180
cgggggattg ttaacttcgt tcccacaatt ccacaagagg caaatcacao aattctctat 240
gggtgcaata tatgttctag taataataca 270

<210> 26771
<211> 273
<212> DNA
<213> Glycine max
<223> Clone ID: 700904249H1
<400> 26771

gtcacggagc aaagcaaggc tctcttcttc tccgtcactg ccactctcat tgtctcttct 60
tctctcttct ctagggttta tggccatttg atctcaagct ctcttcccaa aatgccgtct 120
ccccctcttc cacaatcgga cgcctactgc ccctgctttt gccgggtgtgc aatgtatgtt 180
ttcttgctgc ggttctggaa atgttgaatt ctgaactgag ataaaatgag taggatagaa 240
ctatcgaggg cgaagtcagc gccggttcca ttg 273

<210> 26772
<211> 267
<212> DNA
<213> Glycine max
<223> Clone ID: 700904250H1
<400> 26772

ctccacttgt tagtagcact gatccaggta atccagaagc tgtagcagac cttagtcac 60
aatcagtttc tgatatttag agccctgatt cgattctttt ttgaaaagac attctaactt 120
tttgtcttca gagtggactg gtgggtatgt taacctttcc gcttttgttt aagtttggtt 180
tggctttaa tagtgattac cttgtggcaa gaggttcatt caggggtatt ggtgtaagaa 240
atgtgagtga acattcta atgatat 267

<210> 26773
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700904251H1

<400> 26773

ttaagaatca aagtagattg gtgagaataa ttggagagtt gctagttcat ccatgtgatc 60
 aacctcgac ggccatgttg atgttaccaa tgcaatgtgc ttcgctgttc atctctccca 120
 tcacgattga caaacctaa ccctaaccct aatcacccga ccagcatggt gaagactaag 180
 gtccccgatt ggctcaacag ctctatatgg tcctcatcat cgccgtcgtc ccctcgtcc 240
 tccggcgtcg ccagctcctt cgaacag 267

<210> 26774

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700904255H1

<400> 26774

taaagttag ttttttgcac cgtttttatt aaaatttggt ggccaacaaa acagagaaaa 60
 aaaaacaaa aaattgaaat ttcttatccg ttttggcgaa ttgaactgag tgttcaattg 120
 ggttggtgaa ttcgaggcag agggaaaccgc ggtgtgacaa ggaatttcga ttctgctgtt 180
 gttagaaacg gtgtagtttg gtgtgagaga agctggggac ttgggggtgtt cgtaacgacg 240
 tcgttg 246

<210> 26775

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700904256H1

<400> 26775

ggggtacgtc cttggcctaa ggggtatcacc tcagcacagg agaaaaggga ttgggtcaag 60
 ccttgtagaga aactagaag aatgggtcac ttcaaaagat gtggactatg catacatggc 120
 aacagagaaa gacaaccatg cctcagttag tctcttcacg gacaagtttg gctacaccaa 180
 gttcaggact ccagctattc ttgtcaaccc tgtgaacat cattgctttc aaatatcacc 240
 caacattgag atagcaaggt tgaa 264

<210> 26776
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904257H1

<400> 26776

ctgagaatta agtgtatcct ccagaatcaa atgtggatca cttgcctgga gaagaatcga 60
 gtcaatcaac agaccacaaa aatatcaatt tggtgcaaga gaaaggattt atggaatatg 120
 gatgtcagca ttaccggaga agatgccgta ttagggcccc ctgttgcaat gagatttttg 180
 attgccgcca ttgtcacaat gaggcaaaaa atgatatcaa cattgatctg aagcttagac 240
 atgatattcc acacaaca 258

<210> 26777
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904259H1

<400> 26777

aaacttctct acaaaacaaa accaaccccc ccctccttaa ggccttaact tttgagtcaa 60
 aatttatcat ttcaaagcac tctccaatag agataagttt gattcatcca tcccagttgg 120
 ttggttgtaa cccggctctg gcaactgttaa aggtttcaat ctctcattgt tgccagcttt 180
 tgtgtacatg ccagtttata gcaaccttta ccattctttt taaacaaaa caataagctt 240
 tttcccttca ttgttgcca gaaa 264

<210> 26778
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904260H1

<400> 26778

cggaacaaaa cccgggtccg cgccggagat cccacggtg gacctcgccg ccgaggagag 60
 ctcccgcgcc gccgtggtgg agcaggtccg gcgggcggcg agcacctggt gattcttcca 120

ggtggtcaac cacggcgctcc cggaggagct gctattgcga acgctggcgg cggatgaaggc 180
 gttccacgag cagcccgag aggagagggc gcgggtgtac cgtaggcaga tggggaaggg 240
 tgtgtcgtat atttccaacg t 261

<210> 26779
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904261H1

<400> 26779

cgagaataag accaagtccc ctgcttcgg cgtgtggtcc accatcaagc ctttcgtcaa 60
 tggcggagct ccggcatgct cgccacctgc gttattcaac ccatcgatat gatcaagggtg 120
 aggattcaac ttgggcaagg atcagctgcg caggtcactt ccaccatgct taagaatgag 180
 ggtgttgctg ctttctataa gggctctatct gctggattac tcaggcaggc tacatacacc 240
 actgcccgtc ttggatcatt taa 263

<210> 26780
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904263H1

<400> 26780

ctcataacac aaagcacaaa gcaaagctca tccttgagtt aaaaaatggc agcagcttct 60
 tccatggctc tctcatcccc atccttggtt ggcaaggccg tgaagctggg cccatcagcc 120
 ccagaagtgg gaagggtgag catgaggaag accgtcacca agcaggtctc ctcaggaagc 180
 ccatggtacg gccagaccg agtcaagtac ttgggcccatt tctctggcga gcccccgctc 240
 tacctaaccg gtgagttcca ggcga 265

<210> 26781
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904231H1

<400> 26781
 caaggccagg tatgatgaaa ttgtgaagga agtctcttcc tacttgaaga aagtaggata 60
 caaccctgac aagattcctt ttgttcttat ctctggtttt gagggagaca acatgattga 120
 gaggtccaca aaccttgact ggtacaaggg tccaactctg cttgatgcac ttgaccagat 180
 tagtgagccc aagaggccct ctgacaagcc cctcaggctt ccccttcagg atgtgtacaa 240
 gattggaggt attggaactg tgccagtggg acg 273

<210> 26782
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904188H1

<400> 26782
 caaaatcttc atattcatca aactcatcaa aatgaatctg taccactcct ccagcaccac 60
 caccaccacc accatcttca ccgtcatatt cctcctcctt gcaatatcat tcactctcac 120
 accccacaag gccaacggtg ccacgtgtca ccctgaggaa gaagcggggc tgttgggctt 180
 caaatccggt atccgatccg acccgctccg cctgctcagt aactggatat cgggtac 237

<210> 26783
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904191H1

<400> 26783
 ctgaagtgag ggaaaggaga ataaaccctg tcaaataaat tttgaagaac cagtctatca 60
 gttgtagata ccaagtggct aagaatataa atcactactgg taaaggggga tacatgtata 120
 ttgttttgtc actctctctc taacataact attttgttcc acaagaaact gaatccaggg 180
 taaattgaag ataaattggt gaagctcaat gtgttctaatt tctcaacttt tccccttagc 240
 agcag 245

<210> 26784
 <211> 196
 <212> DNA

<213> Glycine max

<223> Clone ID: 700904192H1

<400> 26784

tatgcggtca gcggatcgtg atgtctatcc ctctgtgtgaa caaatgcttc ttcagcggtta 60
ttatgacgag ctctctgagg tatactgcct agcttacgtc tcacagtaca ggaatcgtaa 120
tgtaactatt cattcattac ctatataata tatatttggt aggaatgcac aatattgcta 180
gctgttatgc ttattc 196

<210> 26785

<211> 139

<212> DNA

<213> Glycine max

<223> Clone ID: 700904193H1

<400> 26785

tgaccgttgt agaatgcata atattataag acggtcacat gtccgcaatc gtctttgaat 60
gtatggcatt ctacgactgt cacgtgcaaa tgaccgtgtt agaataactca atagtctacg 120
atagtcgcgt gcgaagacc 139

<210> 26786

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700904194H1

<400> 26786

cttaactccg aagacccccg cttatagtag tccaggccta tttgccgggt gcagtcctat 60
cacgggacat gggatcgacc tcgtcatcgg 90

<210> 26787

<211> 177

<212> DNA

<213> Glycine max

<223> Clone ID: 700904195H1

<400> 26787

tattcacagc tgtcacgccg tgaacggaaa atggcaactg cgagactcag tttcccgcc 60
 atcacccaat gcaacggaat cacaccgtgc gaattctgtag acgtcgacct cgacagtacg 120
 ctacttatct cccgtagctc gttcccgcaac ggtcatctcg gtcctcgaga agccggc 177

<210> 26788
 <211> 243
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904196H1

<400> 26788

aatggtggcc tcaaattggt ctacctaaag atcaaggccc tccaccttac aagaaaccac 60
 atgacttaaa gaaggcgtgg aagggttggtg ttctcactgc agtcatcaag catatgtccc 120
 ctgagtatcg ccaaaattcg caagcgttct aggcagntca aactccttca agacaaaatt 180
 acagcaaagg aaagctcaac cgtgccttcc agcagcaacc aagaggaagc cattgctgga 240
 gag 243

<210> 26789
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904202H1

<400> 26789

gagtaagggt gtaaaaatat ttgtttcatt ttattttatt gaaggagtag aatttgggaa 60
 ctagggttttg ttaagtttgg gcttgatcac cccataggga agttttggag aatttgtggg 120
 tgtcagggga aaatgcagca agatcacagg aaaaagagtt cagctgagat ggactttttc 180
 tccgaatatg gtgatgcaa ccggtacaaa attcaagaag tcattgggaa gggaagttat 240
 ggtgttgtct gttcagccat tgacactcac acaggt 276

<210> 26790
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904203H1

<400> 26790

gaaaaatatt aagagagaaa ataatcaata ctacaacttt gcaattttcg tggtagctag 60
 accaaggtag ttcaattgcc atggatattg gtggtggagt ggaagagcca gtgagagagt 120
 tgaggcaata cttcaaaact ggaaaaacca agagtgtaac atggaggaaa aaccagctca 180
 catctctcat agaccttggt catgagaatg aagatgctat atttaaggcc ctccataaag 240
 atcttgggaa gcacctgttg aggcttaccg tgatga 276

<210> 26791

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700904204H1

<400> 26791

tctctctaga gttcttattt cctctctcta gaattttcta tccgttcata cccctcacia 60
 attagggttt ttgcgaatct tttattgtct gaaatcgaat ccaacgtttc agccatgggt 120
 tccgattcaa tcgccgccgt gccgattccc tccgccgcaa acaccaggaa cccggggaag 180
 aagaagagga ccaacagggtc cgcgaaattg aagcagtaca aaatcgatgc gcgccgcgag 240
 caatggttat ctcaagggtgc ggtgaagagc aa 272

<210> 26792

<211> 138

<212> DNA

<213> Glycine max

<223> Clone ID: 700904205H1

<400> 26792

ctttctccta ttcgtaacttc ttctttctct tcatcagcta ttgttgcat agactgagtt 60
 actgctactt acagggaact cttcaactaa cctctacaag aacttctgtt ccaagacata 120
 gtcccaacgt attcaaca 138

<210> 26793

<211> 271

<212> DNA

<213> Glycine max

gtaattataa	ttataatata	ctaccacgca	aaacaccaac	gttggtttga	gttattgaat	60
taatattaaa	cctagctatc	atccatggga	agctgcata	caacgcaagg	cgtgagaaca	120
cgcaagaggt	cgaggagcaa	gaattacaag	ccctccacgc	caagagggca	cgagccggcg	180
cgaaggtcga	gcgtgacggc	gcgtccgctg	aacgtggtgt	cggggccgag	tcttggaac	240
atattcgaca	agtaccagtt	cggaaggag	c			271

<210>	26794
<211>	251
<212>	DNA
<213>	Glycine max

<223> Clone ID: 700904210H1

<400> 26794

agcgaatcca gccacagcac agcactcttt gcaacacaac aaaaaaagaç aacacagaga	60
gaagcgtctt aataaacgct cttctctgaa aaacctgatt tcttctcttc ttctcttctc	120
tttcgtttcg atcttcgata tctgaaaatg agagagtgc a tttcaatcca catcggtcag	180
gccgggtattc aggtcggaaa cgctctctgg gagctctact gcctcgaaca cgagcatcag	240
cctgatgggc a	251

<210>	26795
<211>	265
<212>	DNA
<213>	Glycine max

<223> Clone ID: 700904211H1

<400> 26795

atggctcgtc	actccttgct	cttagccctc	ctcctcttcg	cgcctgtggc	caccgcccgc	60
atggcgtggc	gcgtccgacg	ccgacgacat	cctgatecgt	cagtggtgcc	agatgttggc	120
aacgaagagg	aggacaacct	gctgaacgcc	gatcaccact	tcgagtgcct	caaggccaag	180
ttcgccaaga	cctacgccac	caaggaggag	cacgatcatc	gcttcggcgt	cttcaagtcc	240
aacctccgca	gagccaggct	gcacg				265

<210> 26796
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904212H1

<400> 26796

tagaaacagc aactatgtct ctcatgcagc ttactagctc ccctgttggc tcaactgggtcc 60
 gtttcattgt aatatttgct ttatggtaca gaaccatggc tttggccaag ttgccaccaa 120
 acgcttcacg agttccagca gtttttagcgt ttggtgattc catcgtggac ccaggcaaca 180
 acaacaacat aaaaacattg atcaagtgc acttcccacc ttatggaaag gattttcagg 240
 gaggaaaccc aacgggtcga ttttgcaatg gaa 273

<210> 26797
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904215H1

<400> 26797

gtggaaactc gtgcgatatg ccgcgcctc caacctcgcc cgatcgcggc ggttctccgc 60
 cgcgattcct ggtccgtgca ttgttcacaa gcgcggtgcc gacatactcc atgacccttg 120
 gttcaacacg gatacagggg ttcctttgac tgaacaggga tcaggttggg gcttcggggc 180
 ctcttacctc ctcggttat atcctttgag cagcaatatg atcgctttat gaattcattc 240
 cgatctttgg agaataatac tcaggggcaa ccagataaa 279

<210> 26798
 <211> 272
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904216H1

<400> 26798

tagcccctta ccagccctca aggaaatctt ccgcactgat ggtgaatggg ttcttcaatt 60

tccaccacct catgtagctg aagttagtaa gtctgggtgg atgactgatg aggaatttgc 120
tagagagggtg attgccggtg taaacccaaa tgtgatccga cgtcttcaag aattcccacc 180
aaagagcaca cttgatccca cactctatgg tgatcanacc agtaccataa cacaagaaca 240
attggagatt aacatgggag gggtcacagt ag 272

<210> 26799
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700904218H1

<400> 26799

ggaacataaa cgaattgaaa catcaaattgg ctaaagatat ggaggcaaac agtaagcaga 60
cttctgttga caatcaacaa gcaatacagg aacagccagt tgagctgatt gatagtgggtg 120
gagcacatca agctgaacca ggaaattcca ttaattggaa ttatcctaaa gaagcttcgg 180
ttgactatca acaaacaatg caggagcaat cagttgagct gtttgatggg ggtggagctg 240
ttcaaagtga accacaaaac tccataaa 268

<210> 26800
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700904220H1

<400> 26800

attctagtgg ctgatattgc ttctgcttcc tttgtttag ttgaagtcgc tcccctcatt 60
cttctttcgt tgctacttct actgtttctt cctccgatcc ctcatcgccg caaatgactc 120
ctcctgctag tgttagggtga attccctcgc ttcacatgca tgatcgcacc ttcaactctc 180
ttctttcttct tcttctccat ggcttttttt caagggttttg gcgccgtgga gttcgttttg 240
gtgaggattc tgattaaaga gttttctttt 270

<210> 26801
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700904221H1

<400> 26801

tcgaaaacca aatccctaatt tttctctctc ttcaatggcg ccgcagaaac tcaacgatta 60
 cgaacggaag cgactcgaga acattcgccg caacgatgaa atgatggctg ccctcaaact 120
 ccaactccaaa gccaccaaac tctccaactt caagcgtagt caaagggttg gaaccaaact 180
 ctacaacatg aaatcggaag agaaacccaa aaccgaaacc ccaattgtga ttaggcgctc 240
 cctccgaaca agaggtattc cgccagattc 270

<210> 26802

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700904222H1

<400> 26802

gaaaagaagt taagtataa ggctaagtcc aaagaacaag taatgctcga tgatcattcc 60
 cttcaagaca tagagaaagt tgcattccaa gagaacaatg agactgagaa tgtggaaatg 120
 aatgattgca atacaagtat atgcaagtct acctctgata ctagtagtag tagcagtaac 180
 aagagtgtgc caaaagatgg aaggaagaag cgacacgttg cttcagcatc cacagcatta 240
 ctttttggca caatccttgg tctccttcaa 270

<210> 26803

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700904224H1

<400> 26803

accgagtaag atttttcttg ttcctttgtt ggtgggtttc ctttccgctt caggttcagc 60
 ttcaacttca aattctcagt gaaaccaatt cagctgagtc caaatcccaa atccgaatca 120
 aaatccgaag tgagatttgc gatggagagg cttcagcgaa tgtttgcagg tgcagggtga 180
 gcgctagggc accctcccc agattcccca actctcgatt cctccgagca ggtctacatc 240
 tcctcactcg ctctctctcaa gatgcttaa 269

<210> 26804
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904226H1

<400> 26804

cgtcaaactg ttgctgtggg agtcatcaag aacgttgaga agaaggatcc taccggagcc 60
 aagggtcacca aggctgcca gaagaagaag tgaatcgtgc gggctgggtc atcaggggat 120
 gttgggttaca ataaatgttg gtttcttttc tgtactcttg tgtcttcttt tctaggttagc 180
 ttgttttttcg gacaaagttt gaagtctcca ccatcatctc gcaactgttg tcccagaact 240
 ggggttcttg atcgacggtg caaaa 265

<210> 26805
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904228H1

<400> 26805

ctagggttat catttctcca ttccatttt ctctctcact tttcaagaat cgtaagctat 60
 gggaaagtct tacccaactg tgagtgtgga ttaccagaag gccgttgaga aggcgaagaa 120
 gaagctcaga ggcttcatcg ctgagaagag atgcgctcct ctaatgtctc gtttggcatg 180
 gcactctgct ggaacctttg acaagggcac gaagaccggt ggacccttcg gaaccatcaa 240
 gcaccctgcc gaactggctc acagcgcta 269

<210> 26806
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904229H1

<400> 26806

gttttgtctc tctcgaata cagggcgcaa ctctatgatt atctgaagag tagaatgac 60
 accattgcac ccaatttgac tgcaatgggt ggggagcttg ttggtgctcg cctcattgcc 120

catggtggta gcttattaaa tcttgcaaag cagcctggta gtactgtgca aattcttggg 180
 gctgagaagg ctctcttttag ggcaactgaag actaagcatg ctactcccaa gtatgggtctt 240
 atataccatg cttccttgat tggtcaggca 270

<210> 26807
 <211> 220
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904187H1

<400> 26807

atttgatgtg tctttactca ccattgagga gggatatctt gacgtgaaag tcaactgctgg 60
 tgacacccat cttggaggtg aagatcttga taacaggatg gtgaaccact ttgttcaaga 120
 gttcaactga aacaacaaga aggacattag tggaaacccc agagcactta gaaggttgcg 180
 gacatcttgt gagagggcca acataacact ttcacgact 220

<210> 26808
 <211> 143
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904154H1

<400> 26808

cagaggtttg atatgcaaga gttgctcaga gcctctgctg agatcttggg tagtggttgc 60
 ttcagctctt cttacaaggc tgccttggtg aatggcccat caatagtggg gaataggttc 120
 aagcagatga acaatgtcgg gaa 143

<210> 26809
 <211> 194
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904155H1

<400> 26809

cttttccgat gtacggaacc gagaataacc gagatgattc ggaacgaacg gcgttcagaa 60
 gagcagagaa gaagtacaag ctctactacg actacaatgc ttcttccaag aacaaaaaga 120

gaaaacaacc taaacccgtg gacttagcgg aggtccttga ctttagatct atcgagaatg 180
cagcaccaaa acgc 194

<210> 26810
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700904156H1

<400> 26810

accccatcta gtaacatggg gtgtgttgcc agcagtgtca tgtcgacgca gattggattc 60
cacaggacta atcatttctc actgggccta tcttcacaac aaacaccata taggtctctc 120
tctggggaga ttcattgctat ttctccggcg agccgtggcg gtggcggcga tgtatatgag 180
gggcttgcaac aacggggatt tctagtatgc atagtgttgc tttgggtttc caattagttt 240
gaaagcaac 249

<210> 26811
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700904157H1

<400> 26811

catgggtttg tggaacacaa cgaatgcagt gtcttgccgc tttcacaagt ttggtgatga 60
ccaaaagaat ctggtcttcc aaggtgatgc cacgtcttct tccaggggca tagaactcac 120
caaagttaga cgggtggagga aaaccagtgg gtggcagtgt ggggagagtg ttatactctt 180
ctccagtgca cctttgggaa agctctacag tggctgcaag ctttgaaacc gacttcacct 240
ttt 243

<210> 26812
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700904158H1

<400> 26812

gtgatagtga gggtaacag aggaggaaca atctctataa atagtagtag ataccaggc 60
 aacctcagat tatactctca acttggttcg ttccgtgtga atttgtgcaa acacaataga 120
 cagatggatc agttcaaagg acagcctcgg ctcccggtat tcgtcgttcc gaaacgctat 180
 gacattaggc tcaagcccgga cctcgtcgcg caccgttatg caggatccgt cgtcgtcaac 240
 ctcg 244

<210> 26813
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904160H1

<400> 26813
 tctggtgttt gatcttgaaa agggttccat tctttatatt gatctggcaa aatcaaactc 60
 tagatctaaa cgcacaagga tagatgacga gaaggctggc gcggataaga aagctagagg 120
 ccttacacca tcatgggcca ctctgattc tggttaagatg atgttggttg cttgggtttta 180
 gtgcgttgag gttgtccgtg tatatggctt gcgtgaagtt tctttcagtt tactattggt 240
 gtgctac 247

<210> 26814
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904161H1

<400> 26814
 gaaagctttc actcagacaa gttggtggag gatgggttagc tcaggattca gatgactcaa 60
 ccccatatga catcaagttc aacgtagtct ctgagaaggc tccacaggat gatgagcttc 120
 gtgatgcaga gtttgcatgg ttgtgtgtga agcatgtcaa aagcaatgct attgtgatag 180
 ctaagaacaa ttgcatgtta ggtatgggaa gtgggcaacc aaaccgtgtc gagagtttga 240
 gaatagcaa 249

<210> 26815
 <211> 251
 <212> DNA

<213> Glycine max

<223> Clone ID: 700904163H1

<400> 26815

taaagttcag ttttttgcac cgtttttatt aaaatttggt ggccaacaaa acagagaaaa 60
 aaaaacacaaa aaattgaaat ttcttatccg ttttggcgaa ttgaactgcg tgttcaattg 120
 ggttggtgaa ttcgaggcag agggaaaccgc ggggtgtacaa ggaatttcga ttctgctggt 180
 gttagaaacg gtgtagtttg gtgtgagaga agctggggac ttgggggtgt cgtaacgacg 240
 tcgttgacgg a 251

<210> 26816

<211> 162

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904164H1

<400> 26816

ccgacatcaa cttataataa ttctaatca gtgacaagtg ttatggaggc agagccagac 60
 aagtacaaga tgatcaactt tgaagaaacc gagttgcgac tcggcctgcc actcagtgga 120
 aacgagacga cgcgcaaaaa cacgttcagn atcgtggaag ag 162

<210> 26817

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904167H1

<400> 26817

ggtattcggg tcgagcaata tcctctgat gcgttaaaat ggcagtggct actcgattgc 60
 tctcccttgt cgatcgttgg tccggcagcg agtgaagctg ggcgcacat tccggggagt 120
 tcggagggtc cgcacgttgc acattgtcac tacgcaggcc tcttgcgga gccgatcttg 180
 ccgttgattc ctctgaagt gcttaggcct attgttttgc cgtgtctcgt actacctcac 240
 tgggtgcat 248

<210> 26818
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904168H1

<400> 26818

gttgtttcac agagcgtggg cttatcaact atggcggagt aacagaactt ggagaattca 60
 ggctagaagg cgattctcca tgaggtctag gagatgcaat caaaccttc cgagtgacta 120
 catgagccta cctcttgagg aaaatatatt tgaatcgcaa ttgcgaaatc agggggcctc 180
 gtgatactga atttgaaggc cgtaatttca gggatcggat tagatgcctt cagaatat 238

<210> 26819
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904169H1

<400> 26819

agaaactccg ttgttaccgt tttgctttgt tgaagatttt ttgaggttat tcgcgttttc 60
 ttctttttgca tgttcatttc tccgtcgatc agtgaagtgt gaaacgacgc cgtttcgttg 120
 ctctcggctc gaactgatgg agtgggtttc tctgtgatct cgagggggag ttcggcgatg 180
 tgtgagctaa ttcggtgcct ggtgtttgat tctgttttcg ggtttgcgca tttttttgct 240
 cga 243

<210> 26820
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904170H1

<400> 26820

attgtgaggg cattgggaat gcgatcgtgc atctcggctg ttggagctgg tggacaatgc 60
 cctcctatac gtctatttc gcctgaatcg gacatggatg gtggggagaa gacaaggtta 120
 aggggttcct cttccgttga tttcagagt cctgggaggg tgttggtgaa tgggtcaagc 180
 gatgatgcgt ccatgcattg caagcaatga agaaaagtga tcaaccgagc tgctatgc 238

<210> 26821
 <211> 214
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904171H1

<400> 26821

tggcctctga gagatccttt gggaataaac gccagaaaac ccaaagtttt gttcttcctc 60
 tctttgcaat ctctacacag aagatttatg gataaaattt gcaaatttgg ttcactgcag 120
 cactgttccg tcgcaaattt cttccaccga caagtgtttg acctcgtggt ccgtcgcttt 180
 tcaacccttc gatatgattc attccttggt acgc 214

<210> 26822
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904172H1

<400> 26822

atcttcttct tctttcatgg atgctttgaa cttcctcaag ttctggagaa acgccagcac 60
 gaccacaacc tccgaaaccc acctcgtggt agaatccgac atcgaatccg acgaagaaga 120
 ctattcttc gactaggagc ttacgccaca cgagtttcac aacatagaaa acacgaccac 180
 aaccaaaact gacgacgaac caaaacacac ggcaacaaca acatcaacga tctcaaaagc 240
 at 242

<210> 26823
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904173H1

<400> 26823

ctgggggatgg agattgagtt tgggaggtgc tatggtcctt gcccttataa tcacaatagg 60
 atcactagtc cttccggaca ctccaattc catgattgaa aggggtgatc gtgaaaaggc 120
 caaggctcag cttcggagag ttccggcat cgacgatgtg gaagaagagt tcaatgacct 180

tgttgacgct agtgaatcct ccagaaaagt ggagcaccgc tggaggaact tgttgcaaag 240

aaagtaca 248

<210> 26824

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700904174H1

<400> 26824

gcttctgcat gggacttggg gtgattccaa acatcttggtg ttcagaaatc ttcccaacaa 60

gtgttcgcgg aatatgcatt tctatttgct ccctcacatt ttggatctgc acattgatag 120

tcacttcttt atttcccttc ttgctccatc tccttgggtc tactgggggc tttggattat 180

tcgttgttgg gtgcatcatt gcatggatat ttgtctactt gaaagttcct gaaacaaagg 240

gcat 244

<210> 26825

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700904177H1

<400> 26825

ctcgagccgg ccagtcgag aagcctgacg tcacttataa tgacattgga ggatttgata 60

tacagaaaca ggaaatccgt gaggtgtgg agctaccct tacacatcat gaactataca 120

aacaaatagg tattgatcct ccccggtgtg ttttactgta tggacccct ggcactggca 180

aaacaatgct tgccaaagct gttgcgaatc ataccactgc tgctttcatc agggttgtgg 240

gatctga 247

<210> 26826

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904178H1

<400> 26826

002220-ETTE560

gtggagatgg ctttctagac ttatctcctt ttacttgcta tctctcaatc tcgctgctgc 60
agcctctgat taccagctc cctctactta tccctgtgag gacattagcc attacgcttc 120
ttctgtgaag catttttagat tcagaggtga agcactcaaa agacaattga atagcatcgt 180
tgccccacat cattccttgt cctacagaga ggtgtgggat gccctcaagg ttcttgatgc 240
tgctgata 248

<210> 26827
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700904179H1

<400> 26827

ctgcttcctc atttgacca actattctcc taaagatgcc cccaacatca tttggcatgg 60
ctctcctaatt ggtctctggc atctcactcc tctcatcttt tgtgggcttc tactcccaac 120
tcacacactt ctgtttcctc acccacattt ctcttctact agcctcatta ataggacaag 180
tgctgaccat attagccctt gttaccaaag agaaagctag catgtccctt ctgaagtcac 240
caagggaccc c 251

<210> 26828
<211> 252
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700904180H1

<400> 26828

tttttgttcc catttcaccc ctctgtcttcc cttgtttccg gtgagggccca accacaacat 60
atgttaaaca aggaacaacc tccaggacat aacatcctac gccaaacaaa actttgacct 120
ccttcagagt tagaccgctc gtgcgtgtgc gcgtcgaatt tcgaantctt cantatgggc 180
acggagggtc gacggccaca agagtggttt acccaacgca gtgggggttc accgccttgc 240
gttttccggc ga 252

<210> 26829

<211> 186
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904181H1

<400> 26829

gccgaacttg ggtcgtttca ctaatccccc tgattggcag gaaattctta cctattttcg 60
 tggatctgat ctgcagagtt attgtactcg gattctacag gcttgtttgt tggctatcat 120
 caagcctctg tatgttgacc atatgccatc agctgtgcaa gggatatgtgg ggcaggtgct 180
 agacca 186

<210> 26830
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904182H1

<400> 26830

gtttttgtgt accgagcgaa acaaagaaaa agaaaaggac agaaacaaac acacacacac 60
 ggagcgcgga accaaatgaa atgattgaga agagagagcg aagaaaaaaa acagagccaa 120
 accaaacctt tcccgaacg gttcgttttg cccttcttcg gaaccctccc ttctgcgccg 180
 ctgctgctgc tccggtcgcc gtcgggagtc tccggttaacc gaagaccact gccgat 236

<210> 26831
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904184H1

<400> 26831

tagcatgttg tatggtatTT atcttattat tgtcgcattg tactaaacta gctaaaaatt 60
 gataccactc aacaaaggat gtattagatg tgaatcgcca gcatcaaata tgcatttagc 120
 ctgacggaag cacaagtatc agagaaatcc tttgttgaat ggtataagct tttagctagt 180
 ttattatggg gtatgggtatt taacatacta gtgtctcact gtagtaatgt gttttggacg 240
 tg 242

<210> 26832
 <211> 237
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904185H1

 <400> 26832

 aaaagaaaga tagatcatat tcatggcgat ggcaagcctg gctcgacgga agggttacgc 60
 cgctgtaatg tcgctgaggt cgctgttttg tctgacaagc tggaggggat tcgtgtccgg 120
 atctgacgaa aacgacgtcg tcgtcatcgg cggcggtccc ggcggctacg tggccgccat 180
 caaagccgcg cagtcggtct gaaaaccact tgcacgaaa agcgtggcac tctcggc 237

<210> 26833
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904153H1

 <400> 26833

 actctcttcg ctcgtcgtca aagaattcct atcttcatgc taggctggcc ttgctcgcag 60
 gcctgggtcc tccgtactta tctcgtcgac gcctccgctt actcttcaac gctttctggg 120
 attccttttc ggctctgacc atggcgacgt cttcgtcatc ggcggtgggc ccggctgcta 180
 tgtggccgct atcagtcctc cgtgtctgt ctatccacca cttgcatcga tgagcgtggc 240
 agtctcgggg gtac 254

<210> 26834
 <211> 233
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700904186H1

 <400> 26834

 gcacagaaca gttgaagtga ctggcataga aactgcatgt tgcagagaaa ggagagggtc 60
 cagtgggtgt gttcctccac ggcttccttg agctctggta ctcatggcgc catcagattc 120
 tctctctcag ctccctcggc taccgggccc tcgtcccga tctccgtggc tacggtgaca 180

ccgaagcacc agcttcaatc agcagctaca actgcttcca catagtgggt gat 233

<210> 26835
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904111H1

<400> 26835

gaaatggcaa caagcgaaga agtgggtgct acgcgcggag gagccgcgcc ggaggagggt 60

tgaagcacia actggagaga aaatggacgt tttggtgcga caaccaatcc aaacccaagc 120

aaggcgctgc ttggggaacc tctcttcgca aggtctacac cttcgacacc gttgaagagt 180

tctggtgttt gtatgatcag gtattcaagc ccagcaagtt gcaaatcaat gccgattttc 240

acttgt 246

<210> 26836
 <211> 175
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904113H1

<400> 26836

taagagtgaa gacggcagat cgcgaagtct agatctgac tgagagaatg cgtcctcggt 60

ctagctgcga ggacgccccaa gaccttttcc gcgctctttg gtctgcttgt gctgcaatcc 120

ccactaatct caagatcatt gatctctatg tcatctatgc cgtgttcagc gcttt 175

<210> 26837
 <211> 212
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904114H1

<400> 26837

ctcgagccga ttcggctcga ggtgagctgt ggctttgcag ggaactagag tgtcagtaga 60

aaataaatgt cctcttccca gggacactct ctatttcaca gatctatc taagtgtcgg 120

actatccctg ttctccttcc tcgctgagag acaactacaa ttacgctggc gcgactcgat 180

ttggtgaagc agcaactcgt caccacaagc gg

212

<210> 26838
 <211> 195
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904115H1

<400> 26838

aagaagttct cgtttaagac atccccagat cctggacaga agtctcggca acgtgatatc 60
 atatgtggtg gcatgggaaa gaccaactca tcaaggatat ggactatgac gacattgttt 120
 cccacatcga cgatatgcac tatgcaagtg gatagacctc acagggagac ccactcacag 180
 ctcaagtgca agaatt 195

<210> 26839
 <211> 174
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904116H1

<400> 26839

gaaagatcat agacagagaa ttcgtctttc ttggcgaaca gctaaaaacc tctgagggac 60
 agtatgcatc taatataggt gttcttcaga ggtttcagtg caccaagtga tgactagact 120
 ctctgactga cggggcagta gaactaagag cacgtcccaa caagcatcat catt 174

<210> 26840
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904118H1

<400> 26840

gtgatttcag tgagtgatcg gtgttcactt gatctcatca taatcgtcag cgtcaattga 60
 agaagatgcc gatcagaaac atcgccgtcg gaaggcctga agaggcgact caccgccgaca 120
 cgttgaaggc ggctttggct gagttcatct caactttcat cttcgtgttc gccggctcag 180
 gctccggcat cgctacaac aagctcaccg acaacggcgc tgccacccc 229

<210> 26841
 <211> 188
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904119H1

<400> 26841

acttgaagca ttgcattctg ctatttaatt ccactacgta cacgctccgt ctggtcagag 60
 acaacaatgg caccaacagg caatactctg gcttacctga gccaggagag aaccctagga 120
 tacgagctcg ctcggggacg acaagaaggt gccaaagggtg ccgacaatga attgcgcgga 180
 agtggatc 188

<210> 26842
 <211> 112
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904121H1

<400> 26842

tcgaaaacca aatccctaatt attctctctc ttcaatggcg ccgcagagac tcaacgatta 60
 cgaacggaat cggctcgaga acattcgccg caacgatgaa atgatggccg gc 112

<210> 26843
 <211> 91
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904122H1

<400> 26843

attcatcatc aaatggtatt ccaatgcagt aaccacaaa aactacccc ctttcacctg 60
 ccaagtgtta cctctcactc gggctaattc g 91

<210> 26844
 <211> 219
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904123H1

<400> 26844

cgtacgtgaa ctctgagttc tgctctcggt gcaacctgtc ataaggtacc gactataacc 60

gtgactagtc ggatctatct gagctcagaa gacaatccca tctctacaag ctctactacg 120

actagaatgc ttctgccagg aatcaataga gaacagaacc tacacccgtc gagttatcgg 180

aggtccttga cattagatca actctagaat gctatgacc 219

<210> 26845

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904124H1

<400> 26845

ggaaaacctt attctgataa agattctgaa ttagttgaat ctcttgcttc caaaggttct 60

gtgattgcac atgaaatgac accaatggaa gttctgggtc gcaataacac caaggatatg 120

atcaaaatga gtcttaatat tacatgcaga gatgtagctg gggaaaattg tgtagatggg 180

accaaagcaa ctgttctatg gactgggtgtt ctgagtataa ttactatgga aattccccca 240

cttcaaca 248

<210> 26846

<211> 208

<212> DNA

<213> Glycine max

<223> Clone ID: 700904125H1

<400> 26846

gaagtgagaa ggctgtgcaa tgcaccataa gcatctcaac tcatgtctgc gttttccgta 60

aaatgtaata tttgattatt agatttcttg tactaaaagt ttgaataact aaagctaaat 120

tttttttcca agttgtaaaa aaaaaaatg gaagataaaa aaaaagaaag tgggtggcctc 180

ttctcaagtg gtcctttggg cagggtat 208

<210> 26847

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700904126H1

<400> 26847

ctgatatggt gcaaacagat gatgaaggaa tatcagcatg atattactaa gttatgagca 60
gctttagctg tggacacaat acccatttgt atttggtccc tcacattttg gatctgtaca 120
ttgctattga ctactatatt tcccttcatg ctccatctcc ttgggtctcac tgggggtcttt 180
ggattattcg ttatctgggt catcattcca tggatagttg tctacttgct agttcctgaa 240
atacagggca t 251

<210> 26848

<211> 172

<212> DNA

<213> Glycine max

<223> Clone ID: 700904127H1

<400> 26848

atgtcctaatt ctttctgcac catcggttctc catttttggc tttacaaaac cactgtgtct 60
gattaaggggt tctttaatat ttccaatatt tcttgtagtg aaaaagttgt tagctaaaag 120
aagaccaagt ttttgagtgt ctgtagatag gaagaggata tgaattaaca tg 172

<210> 26849

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700904128H1

<400> 26849

gagaagtgag tctgggaatc tcattcagtg tttgagctgt cagagggagt tcttctgcat 60
ggattgcgta aaagagcgggt attttgacac tcaaaatgaa attaagaagg catgtccagt 120
ttcttgtgga acttgcactt gtaaggattg ctgagcaagt caatgtaaag acagtgaaag 180
taaggaatat ttgactggta agagcaaagt tgatagaata ttgcattttc attatttgat 240
ctgcatg 247

<210> 26850

<211> 257

<212> DNA

<213> Glycine max
 <223> Clone ID: 700904130H1
 <400> 26850

tcgagaacga ggcttccaaa atgttttgggt atgcaagatg cattgacaag gttgtttcct 60
 tttctgctgt gaagtttata tgaatatatg tctccggtat gaatgaaatg gtagccgtgg 120
 aacaataaat ataggaagat gttcctgtgt cattattgag caattatact gtcaggactg 180
 tagcacagcc tcagcttaag ctcttgacat ataaacttga ttagcatgtg atttgtttgt 240
 gtatcagtat cagtttt 257

<210> 26851
 <211> 221
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904131H1
 <400> 26851

atgatctctg cctttataaa atgggtggaa atctttatca acgaattgaa aaggagtgtg 60
 aagcacatat atctgcagca ctgcagtctt tggttggcca aagcccggat ttggttggtt 120
 ttctgtctct agttgagaga tggtggcagg attctttgtg accaagatgt tgatgatccg 180
 tggatatagcc ttgtttctga caggacaatg tngaagcaaa c 221

<210> 26852
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904132H1
 <400> 26852

tgctagtcca gcatgagatg cagcaacaat tccgaagcct tagctccagg gaacttggct 60
 ccaactctgc cactgttgct gctgccgtg ccgccgtgg ttcccctgcc aattcttggt 120
 caaatatggg agtctccaac tgcacgcgtg acttggccta caagtcatat taactatgga 180
 agcatcgatg atcaacgtca atttagcacg ggtactacag gtagcagc 228

<210> 26853
 <211> 94
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904133H1

<400> 26853

gttctatattg taaccatcgg tgtcagcgaa agttgagctt tgttttagcg gtgtacaacg 60

tggtctcgct gggtgacctt ctacacaaga tacg 94

<210> 26854
 <211> 182
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904134H1

<400> 26854

atcgtgagga gaatatgaag ttgtttgttt tctttgttgc tgcagtagtt gtggtagcat 60

ggccatgccca tggcgagcgc taccaaaggt tccctctccg aatgaaaact ggctatgggtg 120

agcgttcttc ggaggtaaaa tgcgcaagtt ttaggcttgc tgtgggagca cacaacatcc 180

ga 182

<210> 26855
 <211> 202
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904135H1

<400> 26855

aatttctaata tagggtttcg cttagagtaa ccaataacca tgggagtctt cacctttgtc 60

gtccgcaaat ccggcagcga atggagcgcc aagcaacatt ccggcgacat cgaggcctcc 120

gccgagtcca ctttcgatgt ccaacgggag ctgcgcgcaa acgctcttgg cgttggaacc 180

cccgggggag ttcagggccc ct 202

<210> 26856
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904136H1

<400> 26856

cacactgcag cgagaaccaa agaaaaaaaa agctttcttcc attttccgaa atcgaagcat 60
taggggttagg gttttttccg atctgagaaa ttcgcggccc aatggcggag gaaccggaga 120
gcaccgtcac caccggcgcc gccgacgaat cgctgctcga taagatcacc gagaagcttc 180
aggccacgat tcttggcctc tcatatccga cgtccgactc gagccg 226

<210> 26857

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700904138H1

<400> 26857

atgaattcca tagatgtaga ggggtcattt agaaatgtct ctggcgctgt ggagtctcaa 60
tgtacagaca aatcccccaa gtcttttcca ttgccaaatc atatgcctca agagacaaat 120
ggtgctggtg gagcatctct tgttcagggt ataaaccaga aatgtgaggg aaaggacata 180
cctactcctg tgtcttacca gcaaggactg cctgttgatg ttcctcagat ttctgtgaat 240
ga 242

<210> 26858

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904139H1

<400> 26858

tattgatgta ataatatccc caagtaatac catgaatttt tgtaaatgta ataactcttt 60
gtccttgccc tctctacaca gaagatttat ggataaaatt tgcaaatttg gtatcactgc 120
agcactgttc cgtcgcggat ttcttccacc gacaagtgtt tgacttcgtg gttccgctgc 180
ttttcaacc cttcgataga ttcattcctt ggttacgctt tctggctctc aaataacatt 240
caagctac 248

<210> 26859
 <211> 121
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904140H1

<400> 26859

ataaacgata atattccatc ctcgtttggt tgcgattccc tctgactttt ctcattggag 60
 ggcgaacatc caatcagaga tttcgggtcat agaagaatat ggcttcgtct tccaccagtg 120
 a 121

<210> 26860
 <211> 192
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904142H1

<400> 26860

ttctcgtgaa cggtagctca ctgggatcgc cgctcgtgct gatagcgggtg gtgacggatc 60
 ctccgacgtg tagttcgagg aatatgcact tctctgtgag tccctcgcat tttggatctg 120
 cacattgata gtcacttcgg tatttccctt ctgctccat ctgggtgggc ttaccggggg 180
 ctttggatta tt 192

<210> 26861
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904143H1

<400> 26861

agctggtaac gaaagccttc agatcattaa atactctcct tataaacctt gcaccatgat 60
 atcattatca tcaccttggg ttgttctaag agtgttttat gtgagagtgt gtggcattca 120
 ggttgatgaa tccacccag agtttctctc tctcaacctt attcctctta gtcctgatac 180
 ccttttagag gtgaatgggt ttaggagcag catttactct gatggagaag agtcttcagt 240
 tctgagaa 248

<210> 26862
 <211> 96
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904145H1

<400> 26862

cgcgtagcag atctgggaat tgggctcgtc gcaatcattc cggtcggtcg cgaaatcttg 60

acgtgatttg tcatgacatt gtaatggtcg acatgg 96

<210> 26863
 <211> 142
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904110H1

<400> 26863

tatcaaacag ggcaagggtt ttgttgtaa agtggagcaa actatttgca aggaaccatg 60

taataaagaa gcccaatggt gttaagactt ctagtgatgg tcataaagag atgatgcttt 120

ctcggagtat tggccaactt at 142

<210> 26864
 <211> 195
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904146H1

<400> 26864

gtggagatgg ctctctagac ttatctcctt ttacttgcta tctctcaatc tcgctactgc 60

agcctctgat taccagctc cctctactta tcctgtgag gacattagcc attacccttc 120

ttctgtgaag catttttagat tcagaggtga agcactcaaa agacgattga atagcatcgt 180

tgccccagat cattc 195

<210> 26865
 <211> 148
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904149H1

<400> 26865

acaaacacaa caattgccct tcgagtgtcg agtgagatca gaatggccga cttgatgaga 60
agaatcctcc taatggaggc cgagcaagca agcaaattggc ccaaacaatgt tacttcatcc 120
atcaacagtg gctatcgtca caacatag 148

<210> 26866

<211> 143

<212> DNA

<213> Glycine max

<223> Clone ID: 700904150H1

<400> 26866

tatctctttg tctcttcggc tggctcttggc atctccgcag cagcaccacg taacatacag 60
atgataccag gtactatctc tctcgacaga gagcctggag cggagaaaaa aaaccagcga 120
ctaacaaggc ggtttttagca gcg 143

<210> 26867

<211> 146

<212> DNA

<213> Glycine max

<223> Clone ID: 700904151H1

<400> 26867

ggtaggcgta gctgctcaca gattcgatgc gcatgcacct tgttttcgac atgcaggtct 60
ccggccaggt ccctgtggg gatcacgtca gtctccacgt cgctgagtca gttgtgagtg 120
acgctctatc tggaggggca cgagcc 146

<210> 26868

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904063H1

<400> 26868

caaacttgca acttctcccc acctaatac taattcatcc acctccttct cctcttccat 60
tcccatgtag ctttgattct ttctctctaa catgggtctg aactacagaa atttgttccc 120

aggaacacca tcaaactgtc tacaagactg ttcttatgat gataaatcat catgttgtga 180
 tccttctaata ttgctccctc caactcctcc tatctactca gataatgatt tgagccaaag 240
 tcccagca 248

<210> 26869
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904065H1
 <400> 26869

attcgaggcg aatcggctcg tggattataa ttcatatcaa atccttaact atttgtgtcaa 60
 gtgtcaaacc atattctcat acactatctt tgtcatgctt aaatatatcc ctaagttaat 120
 aatttgtgtca agagtgaacc aatagcatat gtcctcagtt ccttggtgat tccttgaacg 180
 cccgccaatg taaaagagaa tatccagtgc tggagtcccc ttgcatgtgt cttagattcc 240
 tctctttgc 249

<210> 26870
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904067H1
 <400> 26870

ggttcctctc aggagtctgt ttctaaatca ggtagtgaat atgaaacatc aacaaccatg 60
 caatgtaaca aatccaacaa aaagctctaa gtagtcaatg gtcccagctc tcacttcgga 120
 cattcttcca gatcagtgc aatcttgaca atggtaggtc tgtagaagta gtcgatgact 180
 catgtactga gtactcagat aatcaggcag aaccctctca accaagccct cgtttacagg 240
 gaac 244

<210> 26871
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904068H1

<400> 26871

tgttgatgct gtcataaaaa gtggctcctcg tgcagatgca ataagaaata ccgcacgctc 60
 gaattgtaag gaggcaggct gtggatattt cacccttcg gcgtgtgaat caggatcatat 120
 atcttctaac aactggtgca cgcaagctg ctttcagaaa tattaagaca attgctgaat 180
 gcttggtga tgaacttatt aatgcagcaa aagggtcgtc caacagctat gctatcaaga 240
 taaaggat 248

<210> 26872

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904069H1

<400> 26872

ctagaaacag tgtgatgcaa atgaaggtcc ttgttttctt cgttactaca attttggtag 60
 catgtcaatg ccatgcgtac gatatgttcc ctctccgaat gaacactggc tatggtgccc 120
 gtactccgga ggtgaaatgc gcaagttgga ggcttgctgt ggcagcacac aacatctttg 180
 gctttgagac cattcctgaa gagtgcgttg aagcaacaaa ggaatacatc catggcgaac 240
 aatataga 248

<210> 26873

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700904070H1

<400> 26873

catgcttggc tggggacgcg agaaccatgg aagaagctgc tggcatggcg gtctcatccg 60
 catcctgtgg ctggcatggc cagttaagct gtgcgcatta tggccagaag tgtgatcggt 120
 gagcatgagg aagactcgtc acagggcacg tgtcatcagg aagcccatgg tacggtcgaa 180
 accgagtcaa gtacttgggc tcattctctg gcgaccccggt gtactatgta accggtgagt 240
 tcggatgtga c 251

<210> 26874
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904071H1

<400> 26874

tttcggatta taccataatt ttctgcagac tctgatggaa gctgttaatt ttacaggcaa 60
 tggatgcat atagaagttg tattcaagtc tccccataga tgacatacaa agattggagc 120
 tagaagtatc taacacatgc taattgcagc tgataagata actgtgatcc atagcttagg 180
 gtgtctgatt tctgatatga ccttcttaca ggatgatgat ttgacaaatg tatgtatcca 240
 gagtgcg 247

<210> 26875
 <211> 248
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904072H1

<400> 26875

aataatcact cattctccca aatcaattcc actctcaacc ggctttctnt agcataagcc 60
 cagcatggcc accgcaacag cagcagccac ctctccttc atggggaccc tcctcctaga 120
 ggcccactcc ggggcagggc ggggtgcaggc ccggttcgag tttggcaaga agaaagccgc 180
 cgccccgaac aaagtttcca gggggtcggg ctctagctcc gataggcccc tgtggtatcc 240
 gggcgcca 248

<210> 26876
 <211> 234
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904074H1

<400> 26876

acaaccacag tgacaaccgn gtacaatggg agcganatag tagatagcac tactgacata 60
 ggtgctgcgc gctggacaga atctgagatt gcaaggcttc aacagttgag agctgagatg 120

gacacaaggt atatgcaaag tgactcttca gaagagggtta actcggagga aatagctacc 180
 aaaatggctt gttttggcta cgaaaggcat gctgtggtct tcaaagagaa atgg 234

<210> 26877
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904075H1
 <400> 26877

tcggtattcg gctcgatggc accttggcag caggtatttg tactggatac gcggtcattt 60
 gtagtgctgg agattcatcg actgaaccct atatctgttg acactactta ttacttgctc 120
 atggatctgc tgccatatta tacaagacaa aatatcaggt tcgtcagaaa cggcaaattg 180
 ggatcactaa tccaatacac tactttttgc caaaatctca aagtgtgtgc gattacaatg 240
 cagtaagcag agctctggac ttctttctt 268

<210> 26878
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904077H1
 <400> 26878

gctcgggggtt cggctcgagc gaaatatggc ttcaactcat ctgctttccc tagcatcgct 60
 cttcttactt ctctccgctt cttatctcca gattcctggg gcggaagcac aaccgttgac 120
 tagtctcaag cttaactctc atattcttca ggagtctact gctaatgaga ttaatgaaaa 180
 tcccagggca ggatgggagg ctgctataaa tcctcgtttc tccaattata cagttgaaca 240
 atttaagcgc cttcttgag tcaaacca 268

<210> 26879
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904078H1
 <400> 26879

actctgaatt cggctcgcgc actactcaca actcacagca caaaccgtaa cagaaccata 60
 ccatgagaac ccaacggctt aacaatctcc ttcttcccct cttcctcttc gcagccgcat 120
 tctccagcct ccacccgacg gccaccgccg gagacgaagg cgcaccgtct gcaggcgacg 180
 gcgaccgga cgccgatttc atccgcacta gctgcaacac cacgctctac ccggaagtgt 240
 gtttcacctc cctctctcgc tacgcaa 268

<210> 26880
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904081H1

<400> 26880

gggaacacat agatgaacta attttctcaa acaaaaataa gcctcccctt gcatcagata 60
 cccaagatt tgtgtcactc actttgactt tgctagccct cacatacttt gtggctgtgg 120
 ccatcccaaa tatatggttt ttttttcagt tcttgggatc cacaaccatt gtttgcacct 180
 cattcatctt ccctgccgca attgttctaa ggtatactac taccaatttc cctgcttttt 240
 ataataac 249

<210> 26881
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904083H1

<400> 26881

gattattata gcaatggcag atcaaaacca gaaccatata actgaagctg gaaggcatca 60
 agaggttggc tacaagagcc ttctccagag tgatgctctt taccagtata ttctggagac 120
 cagtgtctac tcaagagaac ctgaatccat gatagaactg tgagagttga cagcagaaca 180
 ccattgaac atcatgacaa tctctgaaga cgaatggcaa ttcttgaaca tgctccttaa 240
 gtcacatcaat 250

<210> 26882
 <211> 253

<212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904084H1

<400> 26882

agaacatgct tagaaaactg ccaagcccac ccatattccc tcaanacttt caaccatgaa 60
 ctgaacaaca acaaccacaa ccacaggccc cccccganag acccacctcc aacgagatca 120
 cttctattac caatttttccg actacacaga gccattctt tgtgggcatc tcttcaaaaa 180
 tgtcaagctt ccccaacacg gtggcggaag gccgcaggtc cggcaacgca ccggaaaaca 240
 tccacctttt ctc 253

<210> 26883
 <211> 159
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904087H1

<400> 26883

ggaatattcc tagcaaactg ccaagcccac ccatattgtc tcattactct caagcatgca 60
 atggccaacg ccacagcagc tgccacctcg tactgcatgg ggacgtgtct cctggggggc 120
 cactccgggg cggggcggct gcatgcccg ttcgggtct 159

<210> 26884
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904089H1

<400> 26884

gcctgactct ttacctggac tcgctgcaga ataagtctcc ttctagaata gccagtggtc 60
 ctcactttga tagggaatgt cattgggcat gaaactgcca ctattagcga tggatatctc 120
 gttggtcctg ttgttacaat cggctactggc tgtgttggtg catcaggtgt catgctttca 180
 cgctgcacaa ttatgatagg ttttctgcgt aacaagcata cttgcatatc caacagtatc 240
 atatggt 247

<210> 26885
 <211> 248
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904090H1

<400> 26885

caacgaccta gggaacagaa ccacgccgtc ttacgtcgga ttcactgaca ccgagcgtct 60
 catcggatgat ggggctaaga atcaagtctt gatgaacctc atcatcaccg tcttctantt 120
 ctttgggntg attggtcgta gattcagcga ttctctgtt cagagtgata tcaggttgtg 180
 gcctttcaag gtcattcctg gtgctgctga caagccaatg atcgtgggta actacaaggg 240
 tgaagaga 248

<210> 26886
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904091H1

<400> 26886

gtggtggggt tggcattctt ggcattgcat gggcctttgg tggcatgac ttcacacctg 60
 tctactgcac tgctgggatt tcaggagggtc acattaaccc agcagtgaca tttgggctgt 120
 ttttggtcgc caaggtgtct ttgatccgag ccatcatgta catggtggct cagtgccttg 180
 gtgctatctg tggagttggt ttagttaagg ctttccaaaa gtcttacttc aacaagtatg 240
 gtggtggg 248

<210> 26887
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904092H1

<400> 26887

tgtgccttca ttctcgtcga tctctaataa tgttgcctta tggttcgctt ccttttgtaa 60
 tggttctgtc tgatggattt cgttcctttt gttatctgcc cttgctttac aattcaaagt 120

aatcaaagga gaaaaatggt tggttggttt atgaagcaac tgaacagtat caaagatgat 180
 atattgcgca ataaaaacaac caaacatttt tgatactggt cagttgcttc atgtgatcat 240
 tgcttgt 247

<210> 26888
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904093H1
 <400> 26888

tctgaagcga aacagattcg caaaaaaaaa ttaaaaaatc ccaattctct tcgcaaaaat 60
 cgaaatcaat gtcgaaaact ccgaaggaga aggaaacgga ggagcctctg ccagaccacc 120
 tccgctgcgg ggcgagcgac gggcggcaat ggcgttgccg gcggcgagtg aaggagaatc 180
 tgaagctctg cgagattcac tacctccaag gtcgccaccg ccagtacaag gagaagggtc 240
 ccgagtcgc 249

<210> 26889
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904103H1
 <400> 26889

aatgtctaata tatggttacg cttacagtaa ccaataacca tgggagtctt cacctttgtc 60
 gtccgcaaat ccggcagcga atgtagcgcc aagcaacatt ccggcgacat cgaggcctcc 120
 gccgattcca cttcgatct ccaacggaag ctctgcaag ccgctctcgc cgttgattcc 180
 tccggtggag ttcagtcctc tttctctccc gtgtctccta cctccgctgt gttccagggtg 240
 at 242

<210> 26890
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904104H1

<400> 26890

cacactgcag cgagaaccaa agaaaaaaaa agcttcttcc attttccgaa atcgaagcat 60
taggggttagg gttttttccg atctgagaaa ttgcgcggccc aatggcggag gaaccggaga 120
gcaccgtcac caccggcgcc gccgacgaat cgctgctcga taagatcacc gagaagcttc 180
acggccacga ttcttcgtcc tttcatctc ccgagtcga ctccgactcc g 231

<210> 26891

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700904105H1

<400> 26891

gtttattatg gtgtatggta tttagacatac tattgtgtca ttgtcagtag actagctaaa 60
agtttatacc attcaacaaa ggggtgtatta catgagaatc gtcaggatca aatatgcatt 120
tggcctgagc ggaagcacia gtatcagaaa aatcctttgt tgaatggat acacttttag 180
cgagtgtatt atgggtgatg gtattaacat gctattgttt cactgtagta atggggt 237

<210> 26892

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700904109H1

<400> 26892

gtatggttat agtgaaggc taaagtggct cgagaggttc gcatatgtga acaccacaat 60
ctatccagtt acttccattc cccttctcat gtattgtacc ttacctgctg tacgtctcct 120
gactaacaag ttcattattc cacagattag taacattgca agtatatggg ttatctctct 180
ctttctttcc atctttgccg cgggtatcct tgagatgagg tggagtgggt ttggaattga 240
tgagt 245

<210> 26893

<211> 228

<212> DNA

<213> Glycine max

<223> Clone ID: 700904061H1

<400> 26893

gtgaacctcc atagcgtgga gccaggggtac gtgaaccagg gttatcctct gcagccacct 60
ctaccgtact acatgcaccc gcacgcacct ccgccacaga tgttcagcga tgagaacccc 120
aatgcttggt ccatcatgtg ataatacgtg attaatcttc gttttcggtg tactcttaca 180
cacggacgga atacgggata cggaatatgc acgcacgttg taatttgt 228

<210> 26894

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700904025H1

<400> 26894

aattaattcg cttgaacaga aaacagagat ggggcttacc ccagaaacct cggactaaag 60
tttttaagga acttaagctg agtgggtctta aaactgcagt tcatgatgtt gagttggaca 120
tgagagaaaca tgtcaacaga ttggggagaat gtagttctga tatcagttca tgcccaatga 180
atgaagatag ttctcctcct gataccaaga agtacagtcg gggtagatac atattgcagt 240
ttgataaat 249

<210> 26895

<211> 67

<212> DNA

<213> Glycine max

<223> Clone ID: 700904026H1

<400> 26895

tgcccttgca taatgatgtc catattcctg ctattctcct tgctcgactc attctcgcaa 60
gtgttgg 67

<210> 26896

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700904027H1

<400> 26896
 gtcgcgcttt tcagagctga gactgactca gaacaacttg caatattggg aatagcattt 60
 acgatattgg atgaactggt accaaatgct gtgttatcaa ggtggatgct gcaaagtga 120
 agcaaggcca aggaaccaa tagtggagca acagagaatg taaccttcaa tacaatgct 180
 agtgtagaat tgaaggagtg gaggaacat cttcagcatt cttttgacaa acttcgggat 240
 cacttctg 248

<210> 26897
 <211> 131
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904029H1

<400> 26897
 actctcatat tcttcaggag tctactgcta gctcgattaa tgagtatccc gaggcaggat 60
 gggaggctgc tataaatcct cgtttctcca attatacagt tgatcaattt aagcgccttc 120
 ttggagtcaa a 131

<210> 26898
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904030H1

<400> 26898
 cacagttata ctctctctct ctttgcgct tggatcacag atctcatctc aattttcagc 60
 tatgtcgaca tttgataagc cagaagtggg ggaaatgggt agcaaggatg acaaacacaa 120
 ggaagatgat caagaggagg ggaagggtgg attcatttag aaggtgaagg atttcattca 180
 tgacattggt gagaagattg aggaagctat tgggtttggg aagccaactg ctgacgttac 240
 tgc 243

<210> 26899
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904031H1

<400> 26899

caattacaac acaatcagtc tgtgattcgc caccgaaaaa cctctcacca tggtttctcg 60
ccatttggtt tcgctcttcc tctgtttcct ctgtttcgag atctctgttt catcaattcg 120
attgcccggg ttggaccaag acgccaaggc cagcatgga tcggtgctta ggttgaacag 180
aggaggctct tcagtgaagt ttgatccac acgggtcact cagctctcgt ggagtcccag 240
gg 242

<210> 26900

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700904033H1

<400> 26900

cccttccttt caattttttt cctacctacc taccaatcaa cacctcgtcg gttcttgcag 60
tggcgttaca catggatcgg attccgatct acacgccgat ggtgctaate ggaggattcg 120
aagcctgggtg ccacggatct acctactgta cagaggtgtg gcgatcgtgt tcgtgttgct 180
cttaaggctcg ctttcggaag atcgtttggt caacgatcgg agattgcagc acagatcgag 240
tgaagaaagc gt 252

<210> 26901

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700904034H1

<400> 26901

gattggtgct gatcgtagcg catctataga aacagtaatg aaccatttgc aagaaactgc 60
acttaatcat gttaaaagtt ctgggcttct tggatgatggc tttggttcca cgccagaaat 120
gtgccacaaa gaacttgata tgggtgggta ctccgatgca gggtgtgggtg gaacgctatc 180
ctacatgggg tgacatagtt caagtggaca cttgggtttc tggatcaggg aagaatggta 240
tgcgccgtga t 251

<210> 26902
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904035H1

<400> 26902

tgcataatgg gcaccaccaa gagataaaaa aaaatgatt aaaagctaag gcagggagca 60
 aagcacactg caagattcta cttcttcttc gtgtttcgaa agcgaagggg aaaaaaatac 120
 atagcatcaa tcatataatt agaagtcgaa gaagtagcaa gatcaattag gtatttaggg 180
 tcaccaaagc acgatcagcg aaattttcaa ggtcaactct cttttccttc ttcccatttt 240
 gcccttaatt tttc 254

<210> 26903
 <211> 236
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904036H1

<400> 26903

ctttctccta aaacatctcc agtgggttct tctgcttcca taagacatac gacacgcang 60
 ancatnanca tggacatggc catgatcctg ctctcttca cggctcttcgc cgtgtcatcg 120
 gccctagaca cgtagatcat cccgtacgac aacgcccacg tcgtcacgtc gctcagagac 180
 ggcagcttaa ctccatgtac tatcagtggc tagggtagca cagcaacgag gacaac 236

<210> 26904
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904038H1

<400> 26904

ggcacggtaa gatgcagacc attgctaggc gtttagggca gcaatcgctg aggccatcga 60
 cgtcgctcaa gtccatctat ccaatttccg atcaccatta tggaatggat cacgagcgtt 120

acgtttctac cctcgccacc aaggaggttg gtcacctcgt tcgtaagggc actggtggac 180
 gatcctccgt cagtggcatt attgctacag tatttggggc aactggattc ttaggtcggt 240
 atgttgcca ac 252

<210> 26905
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904039H1

<400> 26905

ctgcaaaagg agggatgagg aggaagcatc atcgtgcatg gcgtcttgtt gaggtgatta 60
 aattggtgga agcgggtgtca cgggtgtggag cagggaggtg gtccgaaatc aaacggctct 120
 cctttgcatc atactcatat cgtacctctg ttgatcttaa ggacaagtgg aggaacttgc 180
 tcaaagctag ctttgactg acacctgcac ctgcagatga ggggataaat ttgcggaagc 240
 atggtacggc tc 252

<210> 26906
 <211> 81
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904040H1

<400> 26906

tctcaattcg cctcgagagt aatcactcat tctcccaccc caaacactct ctcaaccggc 60
 ccatttacac ttaacgcca g 81

<210> 26907
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904042H1

<400> 26907

ggtaactgga attcagaacc acagtgaaaa cccgaatgaa gatgggagtg aacgtataaa 60
 tagcactact gccagaagtg ctgaaagctg gacagaatct gagattgcaa ggcttcaaca 120

gttgagagct gagatggaga caaggtatat gcaaagtggg tgttcagaag aggttatgtc 180
 ggagggaata gctacccaaa atggcttggt ttggttacga aagg 224

<210> 26908
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904043H1

<400> 26908

gtttcccaag gaaagaaaga attagaatag gaccgacgat ggtagtggt gtacgtgttc 60
 ccccgaaaca aaaacacatt tgttgtcaca tcaaaatact taaacaaggg ggtcctcgac 120
 caagagaccc cgccaacccg gaaatatttt ccggacgggt acttgggggc ataacagctt 180
 cccccaaatt gagtccaatt accccttggg ctactcatgg ccatggcggt ttccgggggc 240
 aagttttc 248

<210> 26909
 <211> 249
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904044H1

<400> 26909

ggcggcgttt ctgtgaacct cggaggactc aacgagagac acgatntgtg cggttgcttg 60
 cgggtcaagg caaacgcaca agccctccg aagaccatcc agaaggttga gaatgatttg 120
 ccatggttgc cgctcgctgc gatttcgcac gcccgcagga cttttataaa tcagttacct 180
 gactggagca tgcttctggc cgccatcacc accgtgttcc tcgcggcgga gaagcagtgg 240
 atgatgctg 249

<210> 26910
 <211> 249
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700904045H1

<400> 26910

cgaaatatgg cttcaactca tctgctatac ctagcaacgt tcttcttact tctctccgct 60
tcttatctcc agtccgctgg ggcgttnaga naaccgttga ctagtctcaa gcttaactct 120
catattcttc aggagtctac tgctaaagag attaatgaaa atccccgaggc aggatgggag 180
gctgctataa atcctcgttt ctccaattat acagttgaac aatttaagcg ccttcttgga 240
gtcaaacca 249

<210> 26911

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700904046H1

<400> 26911

cactactcac aactcacagc acaaaccgta acataaccaa actttgagaa cccaacggct 60
taaccatctc cttctctccc tcttctctt cgcagccgca ttctccagcc tccacccgac 120
ggccaccgcc ggagacgcag gggcaccgtc tgcaggcgac ggcgaccgcg acgccgattt 180
catccgcact agctgcaaca ccacgctcta cccggaagtg tgtttcacct cctctctctg 240
ctacgccaat g 251

<210> 26912

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700904047H1

<400> 26912

gtttttgaaa tgttgtcacc ccttcttcta tttctatgcc taactcttcc tttgtttttg 60
tcgcccttct tcaaataccg taaaaccttc attaatccac cacttccacc aggtcctaga 120
gcccttccca taatagggca tcttcatcaa ctagatagtc cttctcttca tgagcagcta 180
tggcattctt caaaggaata tgggccttta ttttcccttc attctggatt aaggccagcc 240
atagtt 246.

<210> 26913

<211> 203
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904049H1
 <400> 26913
 gcaagtgcaa ggcatagatg cactagttgt cccagacaaa aataagtgtc ccatgatatc 60
 agatacgcca agatcagtgt cactcactta tactgagcga gccctcatat aatcagtggc 120
 cgcggccatc tcaaataat gggcagaaaa tcagatcctg ggatccagga ccattgtctg 180
 cacgtcattc acagacactg agg 203

<210> 26914
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904050H1
 <400> 26914
 gtttctttct tcaacgtttc catcatacac agatcccaat cctctctcaa gccctaattt 60
 cccctcattt ccatacgccat acggagaggt agcccctctg gtgcaggctc ggctgaatgt 120
 tgtggtgttg gatagttctc caggggaactc aatttatcag ttggcgatgg tgaactatgt 180
 gaagaggggtg taccctgagc ttgatgtgat tggggggaat gttgtgacta tgtacca 237

<210> 26915
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904051H1
 <400> 26915
 tacagtttgt attattgtag cagagagatg gagagtgatg gcgttgagga tgtgcaggta 60
 cgtgatgggt gcttcgttgc ttttctatt ggagttcact gcgacagtta tagatgcgcg 120
 cttacgagtc aagttcattg atccctcatt tacgccccaa ttctgacgcc accgagtacg 180
 atgttaattc gacatcaata gcgtgctgtc atagctgtcc ttgctcgtga tcaatctctt 240
 caggggtggcg t 251

<210> 26916
 <211> 251
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904054H1

<400> 26916

tgttgatcga gataactaga aacagtgtga tgaaaatgaa ggtccttgtt ttcttcgttg 60
 ctacaaatgt ggtagnctgg caatgccatg cgtacgatat gttccctctc cgaatgaaca 120
 ctggctatgg tgcccgtact ccggagggtga aatgcgcaag ttggaggctt gctgtggaag 180
 cacacaacat ctgtggcttt gagaccattc ctgaagagtg cgttgaagca acaaaggaat 240
 acatccatgg c 251

<210> 26917
 <211> 162
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904055H1

<400> 26917

tatcaggcga gaaaagggtca ccatcgacag gccgtcggcg ggggctgcgc agctgacgac 60
 ggtggtgact tcgaccactc tccaaacctg gatctatgcg aacttggaag gcgctaatta 120
 gaaagccgct tcgtctatga gcatgagaag ggtcgacca gt 162

<210> 26918
 <211> 147
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904057H1

<400> 26918

tcaaaagtat atattttatg tttcagtaac aacactacca aaaaaaggca aaatggatct 60
 gcaaaatgtg caaaaccata gcatgatgcg tttggttctg tccactgatg ccaagcctag 120
 gctgaaatgg actcctgagc ttcacca 147

<210> 26919
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904023H1

<400> 26919

cacagacaca cccttccatc aacgttaact ccgtcaaaat caacggcaaa aaggtttctt 60
 tcgacacccc cttgggtggg ggtgctcagc tgagcacggt ggtgccttac accactctcc 120
 aaacctcgat ctatgcaaac ttcgaaagcg cttatttgaa agccgcttcg tctatgagca 180
 tgaaaagggg cgatccagtt tccacctttg ggctctgctt cgaatccaac ggcgttggaa 240
 gctcccaagt ggggg 255

<210> 26920
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904059H1

<400> 26920

cactaagacc tgaatagggg atcgagaagc aaggaatcta ttctttaaac aggcattgcct 60
 tcttttaatc atctccttct gcaccatcta tcacctctc cttctctttc aaaaccatgg 120
 aagatttgaa cacgattggc gctgattgtg tggatcatatc atgctgctgc cagtgcctga 180
 tgcttcaaat tcttgatatt gtgttgctga agcttcccgg gaagttgata aggaaaacaa 240
 gagaatatgc t 251

<210> 26921
 <211> 244
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904060H1

<400> 26921

ccctcccaa aaaaaacaag ctganana aattaatcaa atactacttc gtgtgggggc 60
 tagaaaatgg gnnantctga ggaaaacagt gatgttgctg ccaggcagaa ggcaatcgat 120

002250"CTTTE60

tgcttccatc ctccacaaaa gatttaacct gttattacca atgctcctcc gcatttcatg 60
cggaatagac cttccaatct ttcttctgaa cattgtttcc ctctatattc tgtcagtgat 120
tggaagctac ttcagctttg tcaatctgct atatattggt tttctctgca tgcaaacgct 180
gccaatgtg tatgaacggt atgaggaaga aatcaacaac tgggtcggcg atgtcataat 240
a 241

<210> 26925
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700903968H1

<400> 26925

aagaggctct ccatgccaat gtaaccaacc tcaaactga ctgggaaccc tgcagcgatg 60
tcataacaaa gtgggttgat caagcttcaa cagttcttcc actttttacat gaattcctca 120
acaatagcct cagggtttgg attttcagtg gtgacacaga tggaaggggtg cctattacat 180
caaccaagta ttcagttaag aagatgaacc tcccattaa atctgtttgg cacccttgg 239

<210> 26926
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700903969H1

<400> 26926

gttgtgggct gctccagcct ctgtctgtgg ttggtcttat cttttgctga aacttgaaat 60
tgaatctctc tcaagcttcc tttcttaaaa ggtaggaat ttgaagcaga agtaagaact 120
aggaagagat gggagtggat ttgagacaag tgggtggcagg tgtcctcacc ctcacaatgt 180
ttgtaatgct tggaaatatg atcaaaagag accacttcga taattcactt caagaaaa 238

<210> 26927
<211> 228
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700903971H1

<400> 26927

cggtctgatt ctgcagcata ttttgtact cctgactggg cggcaactag atgaagcagt 60
gcagctggct gtgtccaaag gagatgtgag gttggcttgt ttgttaagtc aggctgggtg 120
ttctactgtg aatcgctctg atattgcaag gcaacttgat attntgagaa ataaaggcct 180
ggatttttagt ttcattgaaa aggacagatt gagactctat gaattgct 228

<210> 26928

<211> 74

<212> DNA

<213> Glycine max

<223> Clone ID: 700903972H1

<400> 26928

aagcaaccat ggcaatggca acccaagcct ctctcttaac cccagccctc tccgggtctca 60
aagtcagcga ccgc 74

<210> 26929

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700903978H1

<400> 26929

gagctcctga gccataaaaa caatctctct gtcttcctt gaagaaggag aaatgggggg 60
aaattaaaag ggaaaaaggc atataaccgg aaacaatcgc gtttcgaatt caaaatcact 120
cgtttctcgc ttctcctttc gttcgacgca tgaatgcagg ggcttcaccg cttcagactt 180
cagtagcaga gtgacagaaa ttagaaactc aaaaaagtag gcgcaccgag tgagaaacca 240
t 241

<210> 26930

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700903979H1

<400> 26930

cctctgtgac atttgtgctg ctagttcata tatttgoggc tgacaccgag aaggaaagca 60
 ggaaaaaac aaaaaggagc agatgggtag ctcaggtttc tcatggaaat tggcggatca 120
 tccaaagctt ccaaagggtg agactgtggc tgttgtggta ttggatgggt ggggagaggc 180
 cacacccaat gagtacaact gcatccacaa ggctgaaaca ccctgcatgg attcacttaa 240
 aaaggg 246

<210> 26931
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700903981H1

<400> 26931
 gatgtcagag agcctgaaag tatagtacat tctggaagac attcaagtaa aaggtcttct 60
 ttcttacgat ctataagcca agagtcactg ggagtaggaa acagtggccg ccattcattc 120
 tcagcatcat ttggtgtgcc cacatctgtt ggcttcatag aacctgcagg tgaagggcct 180
 caagatcctc cttcaacagc tccttcacca ccagaagtgc ctcttt 226

<210> 26932
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700903983H1

<400> 26932
 cttaaattgg cttccttata ttgggggaat cccgacattc aaagctatat tgtgtttaat 60
 gatagctttt ggtgttacac caacagtcac atgcaatggt agtaatgttt acaagggtgt 120
 gaagggaaag aatggaagca tgccacttgc attggcaatg ctttaccat ttgttgact 180
 tgtgggagga gtgcttgtgt gggattatgt gtcaccatca gacatcatgg ggaaatatcc 240
 aca 243

<210> 26933
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700903986H1

<400> 26933

gcagagagtg cggtaggctc atccgagacc ggaagcagca atggggatcg atctcaaggc 60
cggagggtaca agcaaaaaaa ccaaaagaac agcacccaag tccaatgata tctatcttaa 120
gctcttggtc aagctttatc gcttccttgt tcggagaact ggcagcaa at tcaatgccgt 180
tataactcaag agattgttca tgagcaagggt taacaagccc ccattgtctt tgtc 234

<210> 26934

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700903987H1

<400> 26934

ctcgtattca acttttggat tggcaataga gttgtctgag acccgagaag acagcgggaa 60
tggattcctc atttaatttg gcttttctta tcaatggaag cccatgcatg cacatagata 120
gatgaaaagt gaaaactagt ctctctata tctccttgct gttgggttaca cgtttggcct 180
atagagaaaa ctaattttca aaaaatgaat ggtaaacata aaactggatc acgg 234

<210> 26935

<211> 221

<212> DNA

<213> Glycine max

<223> Clone ID: 700903992H1

<400> 26935

agagaatttg ccttgaggctc atttaaaagt ggtaacaccc ccatattggt tgccaccgat 60
gttgctgcac gtggctcttga tattcccat gttgctcatg tgggtcaactt tgacctgcaa 120
atgacattga tgattatgta caccgaattg gaagaaacagg gcgagctgga aagaaaggct 180
ttgcaactgc attctttaat gacaacaatt ccacactaga t 221

<210> 26936

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700903996H1

<400> 26936

cggctcgagc ggctcgagtc gtctttcatt ttcttattct tcaccgaacc gataagcagg 60
 tgagactaat ccatcatcca aacctttccg atccaatgac ctctaaacta attgcttcca 120
 atctccgtca ccaaatacaca aaatcagctc aaaaccttcg ccgccagctt ctttccacgg 180
 cggcgggcgt gccggtgcct gaacacgatg ggaacaactc caactcgtcg ggaatgacga 240
 tgaagg 246

<210> 26937

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700904001H1

<400> 26937

gtgatgcctc actattgtct ctctcttggt ctgtcttttc tctccttctg atttggtat 60
 cacacacttc tctaagggat agaggtttat gaataatatt ctatgcatgg tgctggaaag 120
 aaatcttggt ggtgaagcca tcatgcactg ctttggtgtc ctcttcaatg ttggccctca 180
 ctatgtcat ctccatctcc ttgtcctcaa tagtgaaact tccttgggat aacctctgg 239

<210> 26938

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700904003H1

<400> 26938

tctcgagccg aatcggtcg agttcaattt caatttcaat ttcttacttt ctgacgtta 60
 cattctctct cttccaaagt cacacacacc tcattctctc tcttcttaac cctctctgat 120
 gtttcctcag ttatcatgat gtagagtga gccttaactc ttctgcttct tccgtgttca 180
 gatctcggtg ttgttgcttc cgattctttg attctctgct tttttcttct cacttcacat 240
 tccgattcgt cgca 254

<210> 26939
 <211> 175
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904004H1

<400> 26939

caaattttctc catagttatg ggcaattcca ttctcgacga cctgaacgtt cgcggtcccag 60
 gttccggcga caagtacctt gtccctggccc acggcttcgg cacggaccaa tccgcgtggc 120
 agcgcgtgct cccttacttc acccggcaac taccagcgtc attctgctga cgacc 175

<210> 26940
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904006H1

<400> 26940

atcgcgtttg ggagaagaag agcaaaatcg ctgtgaaaat gagcggaacg gtgaagaaag 60
 tcagcgatgt agcattcaag gtgggaagga acatcgattg ggatggaatg gcgaactact 120
 ggtctccgat gaggtcgcga gggagttctc caatctccgt cgcgctttcg acgaggttaa 180
 ctcccaactc caaaccaagt ttagccagga acctgagccc attgattggg attactatag 240
 aaagggaatt g 251

<210> 26941
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904008H1

<400> 26941

aataaccact aattctccca actcaatttg tctctcaacc ggcccaatgt agcataagcc 60
 cagcatggcc accgcaacag cagcagccac cgggtccttc atggggacgc gcctcctgga 120
 ggcccactcc ggggcggggc ggggtgcaggc ccggttcggg tttggcaaga cgaaagccgc 180
 cgccccgaag acagtttcca gggggtcggg ctccagctcc gataggccct gtcggatccg 240
 ggcgccaagg cg 252

<210> 26942
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904010H1

<400> 26942

ggtaactgga attcagaacc acagtgaaaa ccagaatgac gatgggagtg aactactaaa 60
 tagcactact gccagaggtg ctgaaagctg gacagaatct gagattgcaa ggcttcaaca 120
 gttgagagct gagatggaga caaggtatat gcaaagtggg tggttcagaag aggttatgtg 180
 ggaggaaata gctacaaaaa tggcttgttt tggttacgaa aggagtgtg tggtcttcaa 240
 agagaaatgg ga 252

<210> 26943
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700904012H1

<400> 26943

ataagttcaa aaaacaaggc aaataaggca aaacaccgga tacatcatac tactgggtca 60
 aaatcctttc tagcagtcag ctatgatgca cgtgaccag tgactggaaa ggagcccgat 120
 ttgcagactt tttggcagtt gacacacaaa agggacaacg gggaatggat tgacgaagca 180
 tctaaggaaa tcaatgacaa agttgctgaa caaattaatg agaagagatg tcaaatagaa 240
 gattct 246

<210> 26944
 <211> 154
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700904016H1

<400> 26944

gttaaaggag gtgaagctcc gtgatgatta ttatgtaatg gaccctgaaa aggccgtgga 60

attggtggat gagaacacta tttgtgttgc tgctatcctt ggttccacac tacatggagc 120
atcannnaag atgtgaaaac gcttaaaatg atct 154

<210> 26945
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700904017H1

<400> 26945

gcacattcag ggaatgagct caactgggaa cctagcagag tttaatgcag caggaaatcg 60
acaccgcccc catcatggac tttatcatat gtggaatggg tccaacttgc atcagcaacc 120
tccttcaaat tccatgcttt ggcagaaaat accatccttt gttaatggtg cttgttctcc 180
aggtcttcca cagataccca gcttttctag aacaccgcct catgtgctta gagcatctca 240
tatagaccat caa 253

<210> 26946
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700904018H1

<400> 26946

ccaaatatca ggaatgctga ggttttcttg ttttctcttt gtatgggagg aatcatgtat 60
tacttggaac atgagccaga gaccatggct ccatttcttc ggggtctgat ccgtcgcttc 120
cttgccagca gaatcagcaa tccaagccca cctagtcaga ctgcttccta cacatacctg 180
caagctcttg atggcataac aaaaccagca ttacaggaga agagggatac tgaatcttct 240
tcccaaaagt acaac 255

<210> 26947
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700903961H1

<400> 26947

cagttatgta tcactagcct caatacgggtg cctttgttcg tttggtttct caaacaacac 60
 aacagtgaat ttggcgtctc agatatggct gcgagagaga gtattcattc atttggtgat 120
 tggaggagaa taccaatttg cactttctgt caggatgcca gactagtttt tcaagcagac 180
 agtcttggtc gggcaatttt gtcaattgca ttgcctgcag cactggcttt gacagctgat 240

<210> 26948
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700904022H1
 <400> 26948

agcgcaccga aagcaaagtg tctctctaac ctctgcaaaa gtccaaggtt gcacggtttt 60
 aactgcttag gtttttgtct tcaaaattaa aactgtgcaa ctttggttgc aaagtcatag 120
 gggttaagtt gtgtttgcat gaaagtgggc ttgagataat tgtgcctctt gtatgatgga 180
 atcccttttg aagcttttgt atttgctgga gcgtgcgcct gtcacactta tcactacagc 240
 tgtggctgtg aca 253

<210> 26949
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700903906H1
 <400> 26949

ctttctccta aaacatctcc agtgggttct tcttcttcta ttacaacaac gtcgccaag 60
 accatgacca tggccatggc cagatcctg ctctgttca cggctcttcgc ggtttcatcg 120
 gccctagaca tgctgataat ctcgtagac aacgcccacg ccgccacgtc gcgcagcacg 180
 aggagctgat gtccatgtac gagcagtggc tagtaaagca cggcaagggtg tacaacgcgc 240
 tcgga 245

<210> 26950
 <211> 243
 <212> DNA
 <213> Glycine max